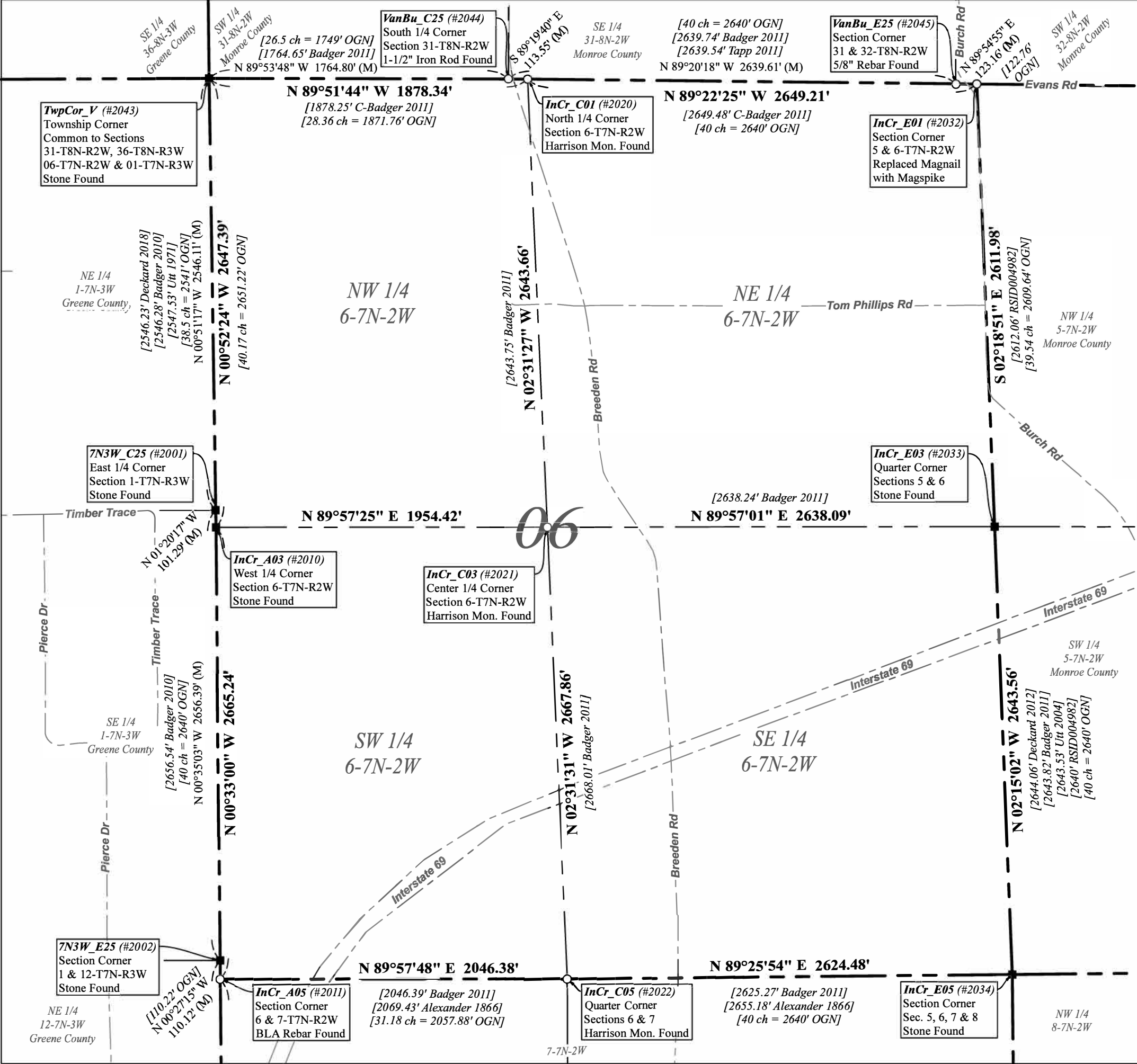


E

- 07-T07N-R02W -



RSID005297

Recorded as Instrument Number:

2023011759.IN

I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. -Rachel Oser

LOCATION REFERENCE MAP

TOWNSHIP 7 NORTH - RANGE 2 WEST

NOT TO SCALE

N

Grid North System

NAD83 (2011)

Indiana SPC West

0

300

600

SCALE: 1" = 600'

06

SHEET 1

07

SHEET 2

18

SHEET 3

19

SHEET 4

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SHEET 5

NOTES

1. This document is not complete without the associated Report of Survey.

2. Field work was performed in April 2023.

3. Sixteenth-section corners, corners of minor subdivision, and property corners were not evaluated in any way unless shown hereon or specifically discussed in the report of survey. Bearing breaks exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis.

4. All distances are measured unless otherwise noted.

5. The Basis of Bearings for this survey is Grid North (Indiana State Plane West Zone) based on GPS observations. See attached report of survey for detailed parameters.

6. Measured and calculated distances shown hereon are US survey feet grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distance to ground, multiply by a combined scale factor of 1.000049218.

LEGEND

[XX' Burr 1859]

[XX' OGN]

00.00'

(M)

N03

(#10184)

RECORD DISTANCE, SURVEYOR, YEAR

ORIGINAL GOVERNMENT NOTES DISTANCE

MEASURED DISTANCE (PRIMARY)

MEASURED DISTANCE (ACCESSORY)

CORNER RECORD INDEX ID

OSM SURVEY POINT NUMBER

IRON MONUMENT FOUND

IRON MONUMENT SET

STONE FOUND

APPROX. ROAD CENTERLINE PER GIS

SECTION LINES

INTERIOR SECTION LINES

PROJECT#

10246

SHEET#

1 OF 88

CORNER PERPETUATION SURVEY

INDIAN CREEK TOWNSHIP SECTIONS 6, 7, 18, 19 & 30

SECTION 06 - TOWNSHIP 7 NORTH - RANGE 2 WEST

2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA

SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

Oser Surveying & Mapping LLC

4832 E Rocky Road, Bloomfield, IN 47424

Rachel@OserSurveying.com • 812.320.2694

Rachel Oser

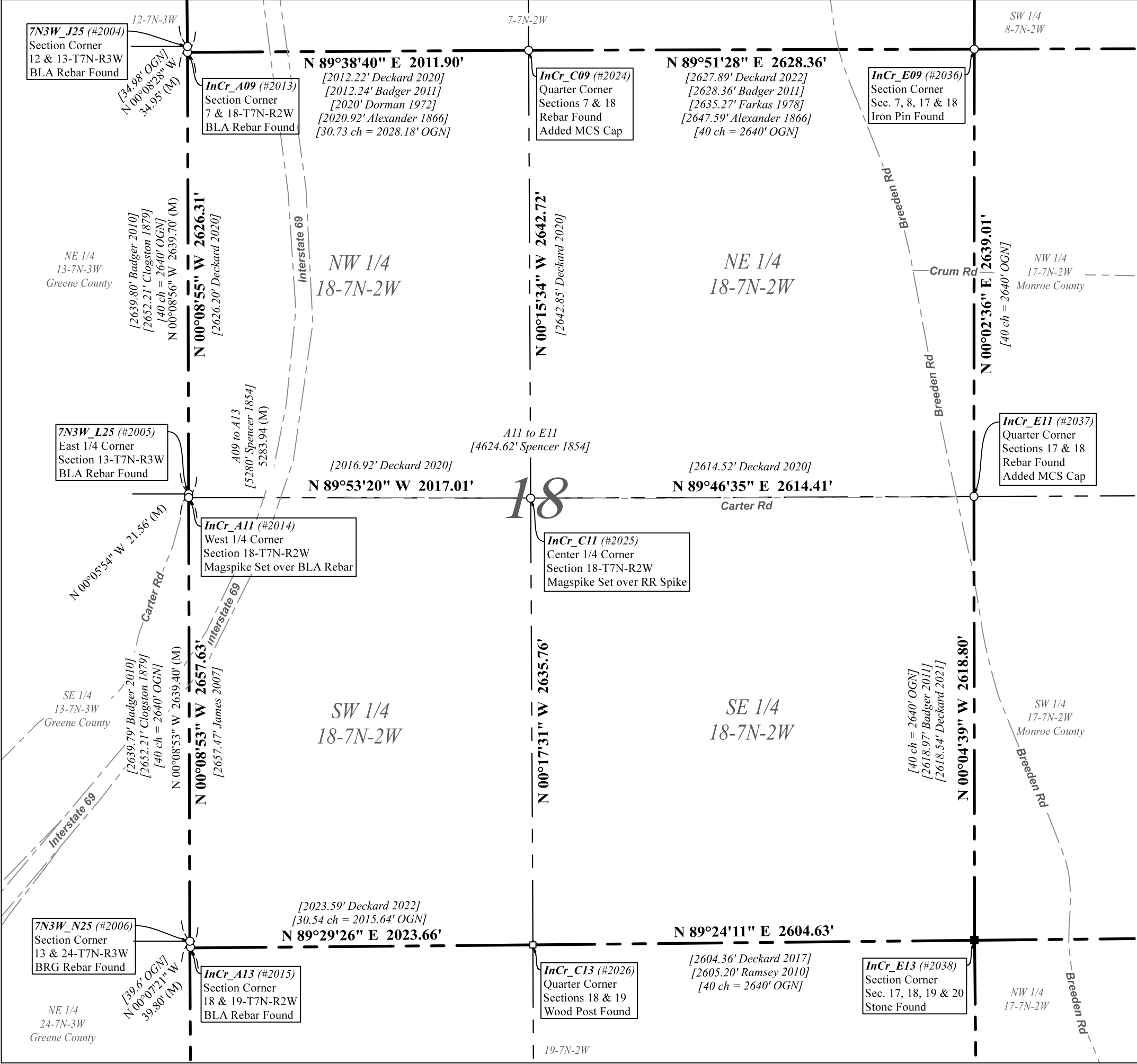
Rachel Oser

State of Indiana

Professional Surveyor 21100022

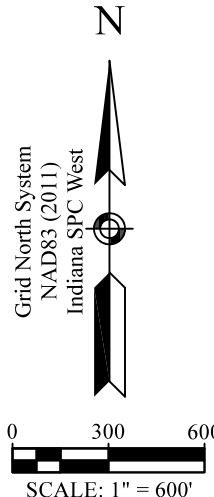
Certified: August 19, 2023

Date of last revision: September 20, 2023



I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. -Rachel Oser

LOCATION REFERENCE MAP
TOWNSHIP 7 NORTH - RANGE 2 WEST
NOT TO SCALE



NOTES

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4. All distances are measured unless otherwise noted.
5. The Basis of Bearings for this survey is Grid North (Indiana State Plane West Zone) based on GPS observations. See attached report of survey for detailed parameters.
6. Measured and calculated distances shown hereon are US survey feet grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distance to ground, multiply by a combined scale factor of 1.000049218.


LEGEND

[XX' Burr 1859]	RECORD DISTANCE, SURVEYOR, YEAR
[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
00.00'	MEASURED DISTANCE (PRIMARY)
(M)	MEASURED DISTANCE (ACCESSORY)
N03	CORNER RECORD INDEX ID
(#10184)	OSM SURVEY POINT NUMBER
○	IRON MONUMENT FOUND
⊕	IRON MONUMENT SET
■	STONE FOUND
- - -	APPROX. ROAD CENTERLINE PER GIS
- - - - -	SECTION LINES
- - - - -	INTERIOR SECTION LINES

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SHEET 5


PROJECT#
10246

SHEET#
3 OF 88

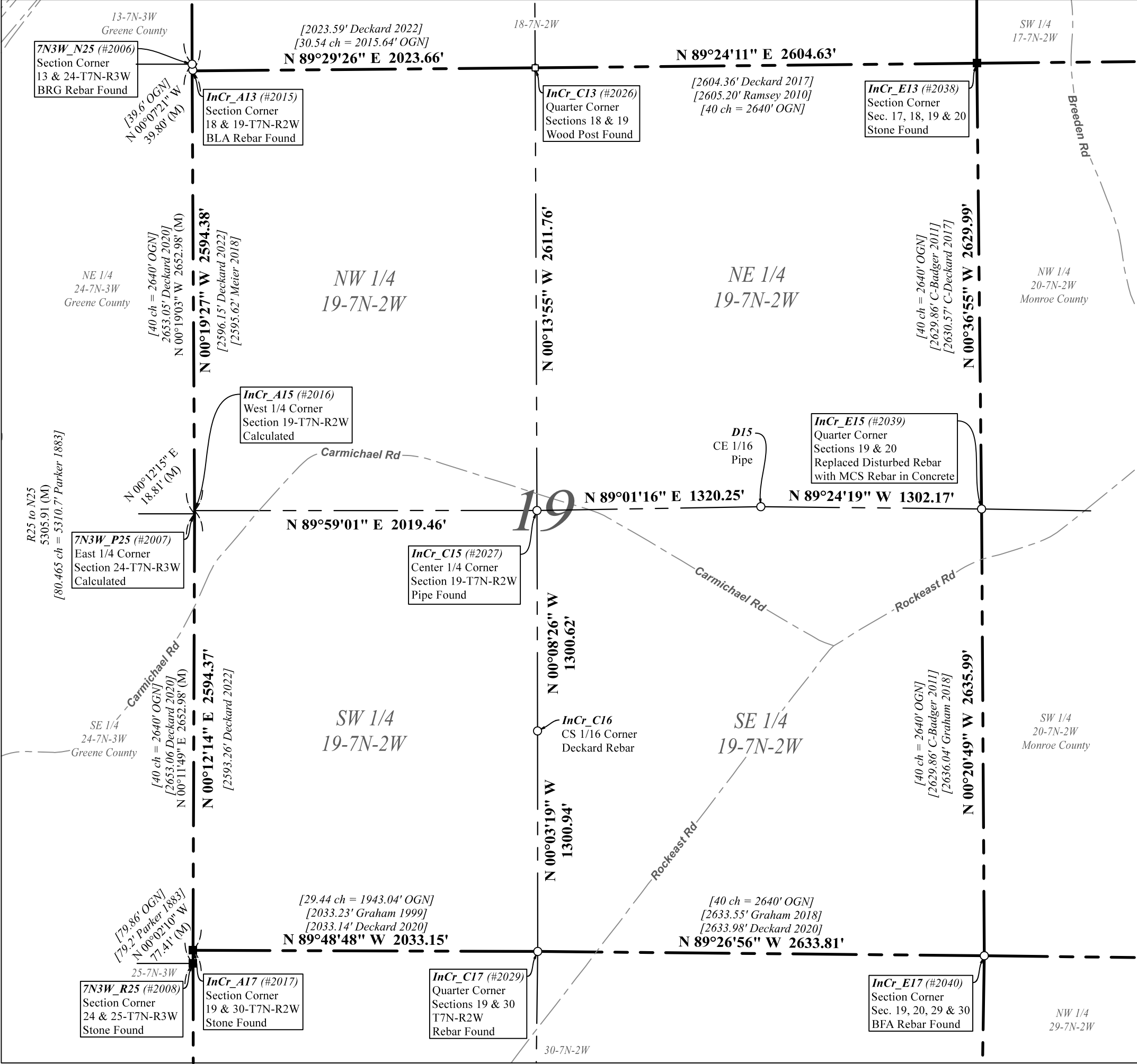


Rachel Oser
State of Indiana
Professional Surveyor 21100022
Certified: August 19, 2023
Date of last revision: September 20, 2023

CORNER PERPETUATION SURVEY
INDIAN CREEK TOWNSHIP SECTIONS 6, 7, 18, 19 & 30
SECTION 18 - TOWNSHIP 7 NORTH - RANGE 2 WEST
2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA
SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

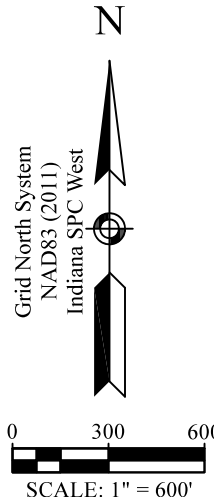


Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
Rachel@OserSurveying.com • 812.320.2694



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LOCATION REFERENCE MAP
TOWNSHIP 7 NORTH - RANGE 2 WEST
NOT TO SCALE





NOTES

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2. Field work was performed in October 2020 and April 2023.
3. Sixteenth-section corners, corners of minor subdivision, and property corners were not evaluated in any way unless shown hereon or specifically discussed in the report of survey. Bearing breaks exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis.
4. All distances are measured unless otherwise noted.
5. The Basis of Bearings for this survey is Grid North (Indiana State Plane West Zone) based on GPS observations. See attached report of survey for detailed parameters.
6. Measured and calculated distances shown hereon are US survey feet grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distance to ground, multiply by a combined scale factor of 1.000049218.

LEGEND

- | | |
|-----------------|------------------------------------|
| [XX' Burr 1859] | RECORD DISTANCE, SURVEYOR, YEAR |
| [XX' OGN] | ORIGINAL GOVERNMENT NOTES DISTANCE |
| 00.00' | MEASURED DISTANCE (PRIMARY) |
| (M) | MEASURED DISTANCE (ACCESSORY) |
| N03 | CORNER RECORD INDEX ID |
| (#10184) | OSM SURVEY POINT NUMBER |
| ○ | IRON MONUMENT FOUND |
| ⊕ | IRON MONUMENT SET |
| ■ | STONE FOUND |
| - - - | APPROX. ROAD CENTERLINE PER GIS |
| - - - - | SECTION LINES |
| - - - - - | INTERIOR SECTION LINES |

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SHEET 5

PROJECT# 10246	SHEET# 4 OF 88
 Rachel Oser State of Indiana Professional Surveyor 21100022 Certified: August 19, 2023 Date of last revision: September 20, 2023	
CORNER PERPETUATION SURVEY INDIAN CREEK TOWNSHIP SECTIONS 6, 7, 18, 19 & 30 SECTION 19 - TOWNSHIP 7 NORTH - RANGE 2 WEST 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR	
 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	

REPORT OF SURVEY:

In accordance with Title 865, Article 1, Chapter 12 of the Indiana Administrative Code ("Rule 12"), the following observations and opinions are submitted regarding the various uncertainties in the locations of the lines and corners established this survey as a result of uncertainties in reference monumentation; in record descriptions and plats; in lines of occupation; and as introduced by random errors in measurement ("Relative Positional Accuracy"). There is an amount of uncertainty along any line or at any corner equal in magnitude to the discrepancy in the location of the lines of possession (and survey points found) from the surveyed lines and corners. There may be unwritten rights associated with these uncertainties. Any uncertainty associated with the corners shown hereon is inherently passed to any parcel corner dependent on its position.

There may be differences in record dimensions versus measured dimensions along the surveyed lines shown hereon. Likewise, there may be found survey markers near, but not precisely at, some boundary corners. In cases where the magnitude of these differences is less than the Relative Positional Accuracy and less than the uncertainty identified for the reference monumentation (discussed below), the differences may be considered insignificant and are shown only for purposes of mathematical closure. Such differences that are greater than the Relative Positional Accuracy and the uncertainty in reference monumentation should be considered worthy of notice and are therefore discussed further below.


The Relative Positional Accuracy for this survey is within the specifications of an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

The basis of bearings is the Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, Geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. With the exception of distances to witness ties, measured and calculated distances shown hereon are grid distances and have not been adjusted to ground (record distances are ground). To convert grid distances to ground, multiply by a combined scale factor of 1.000049218.

Field work was performed by Oser Surveying & Mapping in October 2020, February 2021, and April 2023. Unless otherwise noted, survey monuments noted as an "MCS rebar" are a 5/8" diameter by 24" long rebar with a 2" aluminum "MONROE COUNTY SURVEYOR" cap. Survey monuments noted as a mag spike set are a 4-1/2" long mag spike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022".

Unless otherwise noted, all ties to new bearing trees (BTs) are a 2" mag nail set in a 1-1/2" orange plastic hub disc stamped "SURVEY MARKER DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree. BT diameters are noted as dbh (diameter breast height) and are measured approximately 4.5 feet above ground. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Distances are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Most distances approaching or in excess of 100 feet were measured by RTK offset to the reference object.

The purpose of this survey was to perpetuate the section corners, quarter section corners, and center quarter of section corners in Sections 6, 7, 18, 19 & 30 – Township 07 North – Range 02 West, 2nd Principal Meridian, Indian Creek Township, Monroe County, Indiana. Sixteenth-section corners, corners of minor subdivisions, and property corners were not evaluated in any way unless specifically discussed herein. Bearing breaks exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis. The relationship of the


 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 6, 7, 18, 19 & 30 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	PROJECT# 10246
		SHEET# 6 OF 88

section/half section corners to the adjoining parcel boundary lines was not addressed. The section and half section lines shown hereon should not be construed as defining actual property lines and corners as in a retracement or original survey. Only those occupation lines in the immediate vicinity of the corners perpetuated (as depicted or discussed on the Monroe County Monument Records included with this report) were analyzed as part of this survey.

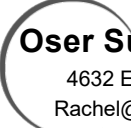
REFERENCE SURVEYS, PLATS & MAPS:

Reference survey records were obtained from the Monroe County Surveyor (MCSO), the Greene County Surveyor (GCSO), the Monroe County Recorder (MCR), the Greene County Recorder (GCR), the Monroe County Auditor, and the Indiana Department of Transportation. Deed records were evaluated in the immediate vicinity of some corners, mostly in the case of corners with an uncertain pedigree. The following is a full list of the surveys consulted and deemed relevant to this project. Additional survey records that were reviewed, but not used for any analysis related to this project are not included below. The survey records that were reviewed, but not included were redundant, illegible, or did not contain useful ties to PLSS corners.


Date	Surveyor	Description	Corner Location
No Date	Unknown	Corner plat for Section 6-7N-2W	MCSO RSID004982
No Date	Unknown	Corner Plat of Section 7-7N-2W	MCSO RSID004983
No Date	Graham, Raymond	Bryan Bowman 2.00-acre survey in Sec.7-7N-2W	MCSO RSID001730
No Date	Archer, Steven	132.21-acre Cole Property in Sec. 17 & 18-7N-2W	MCSO RSID001947
1800s	Greene County Surveyor	Greene County Perpetuation Index for Section 13-T7N-R3W	GCSO Perp.Index Sec.13-7N-3W
1800s	Greene County Surveyor	Greene County Perpetuation Index for Section 25-T7N-R3W	GCSO Perp.Index Sec.25-7N-3W
No Date	Alexander Holmes	Original Government Survey Township 7 North – Range 3 West Township 8 North – Range 2 West	https://archive.org/details/@indiana_historical_land_records
1815	Arthur Henrie	Original Government Survey Township 7 North – Range 2 West	https://archive.org/details/@indiana_historical_land_records
11/2/1833	Stalcup, H	Legal Survey in Section 25-7N-3W	GCSO LSB1, pgs 2-3
3/30/1842	Brown, J.C.	Legal Survey in Section 36-8N-3W	GCSO LSB1, pg 132
1/24/1845	Spencer, James	Legal Survey in Section 30-7N-2W	MCSO LSB1, pg 082
4/18/1846	Spencer, James	Legal Survey in Section 17-7N-2W	MCSO LSB1, pg 85
10/09/1846	Spencer, James	Legal Survey in Section 31-7N-2W	MCSO LSB1, pg 087
10/9/1846	Spencer, James	Legal Survey in Section 31-7N-2W	MCSO LSB1, pg 088
10/22/1847	Cressy, F.B.	Legal Survey in Section 25-7N-3W	GCSO LSB1, pg 169
9/25/1849	Woodburn, James	Legal Survey in Section 8-7N-2W	MCSO LSB1, pg 90
3/28/1853	Woodburn, James	Legal Survey in Section 18-7N-2W	MCSO LSB1, pg 253
4/12/1854	Spencer, James	Legal Survey in Section 20-7N-2W	MCSO LSB1, pg 268
4/13/1854	Spencer, James	Legal Survey in Section 18-7N-2W	MCSO LSB1, pg 269
4/15/1854	Spencer, James	Legal Survey in Section 7-7N-2W	MCSO LSB1, pg 269
10/31/1856	Spencer, James	Legal Survey in Section 32-7N-2W	MCSO LSB1, pg 317
5/1/1865	Alexander, W.S.	Legal Survey in Section 7-7N-2W	MCSO LSB2, pg 130
11/21/1866	Alexander, W.S.	Legal Survey in Section 7-7N-2W	MCSO LSB2, pg 131
2/27/1879	Clogston, W.W.	Legal Survey in Section 13-7N-3W	GCSO LSB3, pg 68
11/21/1881	Buskirk, M.	Legal Survey in Section 19-7N-2W	MCSO LSB2, pg 349
4/26/1883	Parker, F.M.	Legal Survey in Section 25-7N-3W	GCSO LSB4, pg 12

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 6, 7, 18, 19 & 30 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR		PROJECT# 10246
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3/26/1889	Buskirk, M.	Legal Survey in Section 33-7N-2W	MCSO LSB2, pg 472
6/27/1889	Buskirk, M.	Legal Survey in Section 19-7N-2W	MCSO LSB2, pg 482
8/14/1890	Buskirk, M.	Legal Survey in Section 6-7N-2W	MCSO LSB2, pg 492
06/22/1916	Bowers, Charles	Legal Survey in Section 17-7N-2W	MCSO LSB3, pg 63
05/20/1962	Graham, Raymond	84.55 acres in Sec. 7 and 18-7N-2W	MCSO RSID001735
05/20/1962	Graham, Raymond	44.03-acre survey in Sec. 18-7N-2W	MCSO RSID001936
06/03/1966	Stapleton, John	Virgil-Taylor Tract in Sec. 6-7N-2W	MCSO RSID001723
09/19/1971	Utt, Lee	Survey of Sullivan Tract for Hudson in 1-7N-3W	GCR DE204-418
06/09/1972	Dorman, Henry	Survey of McDonald Place Tracts in Section 7-7N-2W	MCSO RSID001734
11/27/1972	Graham, Raymond	Lionel Robertson survey in Sec. 29-7N-2W	MCSO RSID002083
03/10/1975	Graham, Raymond	17.74-acre survey in Sec. 7-7N-2W	MCSO RSID001738
11/19/1975	Graham, Raymond	19.16-acre survey in Sec. 7-7N-2W	MCSO RSID001732
12/18/1975	Graham, Raymond	42.70-acre survey in Sec. 7-7N-2W	MCSO RSID001736
12/18/1975	Graham, Charles D	61.03-acre survey in Sec. 7-7N-2W	MCSO RSID001737
12/18/1975	Graham, Raymond	Survey of McDonald Tracts in Section 7-7N-2W	MCSO RSID001745
06/22/1976	Utt, Lee	Survey of 4 tracts in 1-7N-3W	GCR MI046-492
08/31/1976	Graham, Raymond	Clyde Kelly 25.00-acre survey in Sec.6-7N-2W	MCSO RSID001724
04/27/1977	Yaw, John W	16.4-acre survey in Sec 19-7N-2W and 24-7N-3W	MCSO RSID001950
05/31/1977	Graham, Raymond	Cohee Real Estate. Breeden/Crum Road in Sec. 18-7N-2W	MCSO RSID001935
12/30/1977	Utt, Lee	Survey for Pete Dunn in Section 12-7N-3W	Deckard Surveying
03/19/1978	Farkas, Edmund	23.58-acre survey in Sec. 18-7N-2W	MCSO RSID001934
08/01/1978	Farkas, Edmund	64.98-acre survey in Sec. 18-7N-2W	MCSO RSID001932
08/01/1978	Farkas, Edmund	Tract 6- 5.00 acres in Sec. 18-7N-2W	MCSO RSID001939
09/22/1978	Graham, Raymond	Don Conder Transfer 42.7-acre survey in Sec. 7-7N-2W	MCSO RSID001731
08/17/1979	Graham, Raymond	5.00-acre survey in Sec. 18-7N-2W	MCSO RSID001933
12/18/1980	Utt, Lee	1.79-acre survey for Quimby in Sec. 5-7N-2W	MCSO RSID001688
01/29/1981	Utt, Lee	5.00-acre survey for Marshall Barrett in Sec. 5-7N-2W	MCSO RSID001713
10/03/1988	Archer, Steven	10.57-acre survey in Sec. 18-7N-2W	MCSO RSID001937
03/27/1989	Utt, Lee	Tracts 1 & 2 for Donald and Sue Conder in Sec.17-7N-2W	MCR 1989903591
07/12/1989	Graham, Raymond	23.91-acre survey in Sec.6-7N-2W	MCSO RSID001722
08/07/1989	Utt, Lee	Survey of 3 tracts in Section 25-7N-3W	GCR 1990-2888
06/18/1990	Archer, Steven	5.00-acre survey on Carter Road in Sec. 18-7N-2W	MCSO RSID001940
06/19/1991	Graham, Raymond	21.93-acre survey in Sec. 7 & 18-7N-2W	MCSO RSID001743
06/19/1991	Utt, Lee	2 Tracts in Sections 8 & 17-7N-2W	MCSO RSID001750
04/27/1992	Graham, Raymond	10.57-acre survey in Sec. 18-7N-2W	MCSO RSID001942
11/21/1992	Ramsey, Stephen	3.22 acre & 4.69-acre survey in Sec. 17-7N-2W	MCSO RSID001925
11/28/1992	Ramsey, Stephen	Grubb survey in Sec. 18-7N-2W	MCR 00300629
06/24/1993	Graham, Raymond	10.00-acre survey in Sec. 18-7N-2W	MCSO RSID001943
07/27/1993	Farkas, Edmund	Tracts 6-13 in Sec. 5-7N-2W	MCSO RSID001705
08/05/1993	Ramsey, Stephen	Breeden Road Preliminary Plat in Sec. 31-8N-2W	MCSO RSID002509
09/09/1996	Utt, Lee	419.92 acres in Section 31-7N-2W, 40.13 acres in Section 32-7N-2W and 48.22 acres in Section 6-6N-2W	MCR 703688 GCR 1997-1286
09/12/1996	Utt, Lee	69.67-acre survey in Sec. 31-7N-2W	MCR 703673

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			SHEET# 8 OF 88

01/07/1997	Utt, Lee	Larry & Deborah Wessel survey in Sec. 31-7N-2W	MCSO RSID002092
01/10/1997	Archer, Steven	Breeden Estates Subd. in Sec. 6-7N-2W	MCR 719071
05/23/1997	Graham, Raymond	18-acre survey in Sec. 7-7N-2W	MCSO RSID001741
05/28/1997	Graham, Raymond	91.64-acre survey in Section 7-7N-2W	MCSO RSID001740
07/30/1997	Graham, Raymond	Open Acres Subdivision in Sec. 18-7N-2W	MCR 00801440
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County - Sec.36-8N-3W	GCSO BTR Job #2319
09/28/1998	Utt, Lee	Kirkley Subd. Final Plat in Sec. 31-7N-2W	MCR 820110
03/10/1999	Graham, Raymond	146.64 acres & 204.28 acres in Sec. 19 & 30-7N-2W	MCR 1999011493
06/24/1999	Graham, Raymond	28.95 acres in Sec. 29-7N-2W	MCSO RSID002082
09/14/1999	Graham, Raymond	Survey for Sturgeon in Section 24-7N-3W	GCR 1999-5799
05/21/2000	Graham, Charles D	3.78-acre survey in Sec. 18-7N-2W	MCSO RSID001941
09/06/2000	Bledsoe, Ben	40.21-acre survey in Sec. 30-7N-2W	MCR 200015048
09/18/2000	Graham, Raymond	5.96-acre survey in Section 7-7N-2W	MCSO RSID001733
03/16/2001	Tibbett, James C.	Survey in Section 29-7N-2W	MCR 2001017175
03/16/2001	Tibbett, James C.	Survey of Taylor Property in Sec. 29-7N-2W	MCR 2001017176
03/23/2001	Curry, Douglas	Pate boundary survey in Sec. 5-7N-2W	MCR 2001009966
09/10/2001	Utt, Lee	Survey of 2 tracts in Section 5-7N-2W	MCR 2001023846
09/14/2001	Graham, Charles D	Type "A" Admin. Subd. On Crum Road in Sec. 17-7N-2W	MCSO RSID001926
09/24/2001	Ramsey, Stephen	56.23-acre and 5.0-acre tracts in Sec. 18-7N-2W	MCSO RSID001938
04/29/2002	Graham, Charles D	Type "E" Admin. Subd. On Crum Road in Sec. 17-7N-2W	MCSO RSID001929
05/16/2002	Graham, Charles D	30.68-acre survey in Sec. 17-7N-2W	MCSO RSID001928
06/15/2002	Ramsey, Stephen	5-acre survey in Sec. 17 & 18-7N-2W	MCSO RSID001924
11/16/2002	Tapp, Philip	Thacker Road Admin. Subd. in Sec. 32-7N-2W	MCR 2002027622
05/03/2003	Bledsoe, Ben	Atkinson Minor Subd. in Sec. 20-7N-2W	MCR 2003017166
02/16/2004	Archer, Steven	2 Tracts in Sec.32-7N-2W	MCSO RSID002105
04/19/2004	Utt, Lee	Douglas Dixon Sr. Type "E" in Section 5-7N-2W	MCSO RSID001691
04/20/2004	Utt, Lee	Brad Boyle Admin. Type "A" in Sections 8 & 17-7N-2W	MCSO RSID001749
11/16/2004	Archer, Steven	2 Tracts in Sec.29-7N-2W	MCR 2004025976
07/21/2006	Deckard, Eric	Yum Type "E" Admin. Subd. in Sec. 31-8N-2W	MCR 2006020052
09/13/2007	James, Marty	Retracement Boundary survey in Sec. 13-7N-3W	MCSO RSID001948 GCR 2008-1703
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32-8N-2W	MCSO
11/08/2007	Tapp, Philip	Boundary survey for Langley in Sec. 6 & 7-7N-2W	MCR 2007022637
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32-8N-2W	MCR 2008008449
12/16/2008	Tapp, Philip	Burch Road Minor subd. in Sec. 6-7N-2W	MCR 2008020406
01/08/2009	Tapp, Philip	Breeden Road Admin. Subd. in Sec.7-7N-2W	MCR 2009002667
02/17/2009	Tapp, Philip	Conder Administrative Subdivision in Sec.32-8N-2W	MCR 2009005821
07/22/2009	Deckard, Eric	Survey for Harper in Section 1-7N-3W	GCR 2009-4100
12/24/2009	James, Marty	Survey for Cullison in Section 11-7N-3W	GCR 2010-1594
03/25/2010	Curry, Douglas	Summit Type A Admin. Subd. in Sec. 20-7N-2W	MCR 2011009793
09/18/2010	Ramsey, Stephen	Cole Estates Minor Subd. in Sections 17 & 18-7N-2W	MCR 2010017218
10/18/2010	Badger, Matthew	I69 Conservation Easement Survey in Sec.13-7N-3W	GCR 2011-2904

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12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and Sections 12 & 13-7N-3W	MCR 2011005764 GCR 2011-2902
03/07/2011	Ballard, Dustin K.	I69 Sect. 4 Segment 5 Route Survey in 25 & 36-7N-3W	GCR 2011-0923
03/11/2011	Badger, Matthew	I69 Sect.4 Seg.6 Route Survey in 13, 24, 25 & 36-7N-3W	GCR 2011-0980
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 & 21-7N-2W	MCR 2011004420
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31-8N-2W	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 and Breeden Rd Route Survey in Section 31-8N-2W	MCR 2011007528
06/21/2011	Badger, Matthew	Survey of Cornwell site in Sec. 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 in Sec. 6, 7, & 18-7N-2W and Sec. 13 & 24-7N-3W	MCR 2011010190 GCR 2011-2897
01/04/2012	Deckard, Eric	John Haskett Boundary survey in Section 5-7N-2W	MCSO RSID001719
08/27/2012	Tapp, Philip	Dallas & Janet Conder Type A in Section 31-8N-2W	MCR 2012015149
11/19/2012	Deckard, Eric	Grubb Type "E" Admin. Subd. in Sec. 18-7N-2W	MCR 2012021294
11/19/2012	Tapp, Philip	Whaley Type A in Section 31-8N-2W	MCR 2012020021
03/15/2013	Tapp, Philip	Conder Type E in Section 32-8N-2W	MCR 2013004800
08/02/2014	Zimmer, James	Survey of 94.78 acres in Section 13-7N-3W	GCR 2014-3483
09/25/2014	Deckard, Eric	Keller Burch Type "A" Admin. Subd. in Sec.8-7N-2W	MCR 2014013187
10/07/2014	Ramsey, Stephen	Carmichael Type "A" Subd. Final plat Amendment 1 in Sec.19-7N-2W	MCR 2015000272 MCR 2015002946 MCR 2015012032
10/26/2015	Ballard, Dustin K.	Monroe Co. Bridge #909 Location Route control survey in Sec. 8-7N-2W	MCR 2015015451
12/02/2015	Ballard, Dustin K.	Bridge No. 93 Route Survey in Sections 31 and 32-8N-2W	MCR 2015017121
08/18/2016	Zimmer, James	Survey of 0.45 acres for Mangin in Section 13-7N-3W	GCR 2016-3372
07/18/2017	Deckard, Eric	Fender Minor Subd. Final plat in Sec. 19-7N-2W	MCR 2017010189
09/07/2017	Ramsey, Stephen	Combs/Quimby Survey in Sec.31-8N-2W	MCR 2018002164
05/20/2018	Meier, David	Carmichael Miller Sliding Scale in Sec.19-7N-2W	MCR 2018007172
06/27/2018	Deckard, Eric	Survey for Heist in Sec.1-7N-3W	GCR 2018-2570
11/10/2018	Graham, Charles D	Moore's Buena Vista Farm I in Sec.19, 20 & 29-7N-2W	MCR 2019013999
11/10/2018	Graham, Charles D	Moore's Buena Vista Farm II in Sec.19 & 30-7N-2W	MCR 2019014000
11/12/2018	Graham, Charles D	Moore's Buena Vista Farms Retracement survey in Sec.19, 20, 29 & 30-7N-2W	MCR 2018015296
11/21/2018	Porter, Christopher	Survey for IU Foundation in Section 13-7N-3W	GCR 2018-4972
05/27/2020	Deckard, Eric	Survey for Sparks in the east half of Section 24-7N-3W	GCR 2020-5055
06/11/2020	Deckard, Eric	Grubb Type "E" in Sec.18-7N-2W	MCR 2022011812
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat in Sec. 30-7N-2W	MCR 2020021994
12/16/2020	Deckard, Eric	Brian Moore Sliding Scale Subd. in Sec.19-7N-2W	MCR 2021000955
01/05/2021	Hoffman, Nathan	New 11.43-acre Tract from Sirucek in Section 36-7N-3W	Pinnacle Surveying
02/23/2021	Deckard, Eric	Crum Road Minor Subd. Final Plat in Sec. 17-7N-2W	MCR 2021004416
03/01/2021	Oser, Rachel	Sturgeon Family Minor Subdivision in Sec. 19 & 30-7N-2W	MCR 2021007101
04/08/2021	Deckard, Eric	Willoughby Minor Amendment One in Sec.30 & 31-7N-2W	MCR 2021011664
04/20/2021	Deckard, Eric	Wessel Type E in Sec.30 & 31-7N-2W	MCR 2021011663
09/28/2021	Deckard, Eric	Flynn-Patrias Type E in Sec.31-7N-2W	MCR 2021023140

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09/28/2021	Deckard, Eric	Brian Moore Sliding Scale II in Sections 19 and 20-7N-2W	MCR 2022001227
11/14/2021	Deckard, Eric	Breeden Road Minor Subdivision in Section 7-7N-2W	MCR 2022001569
12/23/2021	Deckard, Eric	Southern - Easement Exhibit in Sec. 29-7N-2W	MCR 2021024112
03/31/2022	Oser, Rachel	Corner Perpetuation Survey for 31, 32, 33 & 34-7N-2W	MCR 2022010375
09/23/2022	Deckard, Eric	Benham Boundary in Section 19-7N-2W	MCR 2023001322


MONUMENTS FOUND OR SET: Refer to the monuments keyed on the survey drawings by point number and Monroe County Corner Record Index ID. Monuments and corners evaluated in the process of this survey, the theory of location used to accept or establish these monuments and corners, and the surveyor's opinion of the uncertainties associated with these monuments and corners are as detailed below for accessory monuments and on the Monroe County Monument Records included with this report for primary monuments.

Greene County 7N3W_C25 (OSM #2001: *East Quarter Corner of Section 1-T7N-R3W*): A 7" x 3" stone with a chiseled "+" was found flush 3 feet west of north/south barbed wire fence. The stone is witnessed by a 2-1/2" galvanized iron pipe 0.45 feet northwest and a steel t-post with a Greene County Surveyor sign 0.25 feet east. The origin of the stone is unknown. It first appeared in the modern survey record in 1971 on a Boundary Survey by Lee Utt (GCR DE204-418) and has been accepted on all subsequent surveys. We accepted the stone as the best evidence of the corner with no associated uncertainty.

Greene County 7N3W_E25 (OSM #2002: *Section Corner common to Sections 1 & 12-T7N-R3W*): A 6" x 7" stone with a chiseled "+" on top was found 8" above grade in a north/south barbed wire fence. The origin of the stone is unknown. It first appeared in the modern survey record in 1976 on a Boundary Survey by Lee Utt (GCR MI046-492) and has been accepted on all subsequent surveys. We accepted the stone as the best evidence of the corner with no associated uncertainty.

Greene County 7N3W_G25 (OSM #2003: *East Quarter Corner of Section 12-T7N-R3W*): A 1" iron pin (standard INDOT Section Corner Monument) was found flush in a 20" concrete base on the west top of bank of I69. In 1977, Lee Utt held a calculated position for this corner at the record distance (2640 feet) south of the stone at the Northeast corner of Section 12-T7N-R3W (Greene County 7N3W_E25). Utt's calculated position was 106.3 feet north of the stone at the West Quarter Corner of Section 7-T7N-R2W (InCr_A07). In 2010, Matthew Badger (MCR 2011005764) set a capped rebar at this corner at the midpoint between the stone at the Northeast corner of Section 12-T7N-R3W (Greene County 7N3W_E25) and the BLA rebar (also set by Badger) at the Southeast corner of Section 12-T7N-R3W (Greene County 7N3W_J25). The 1" iron pin was set by INDOT after construction of Interstate 69 destroyed the BLA rebar and all other evidence of physical possession or monumentation in the immediate vicinity of the corner. We accepted the 1" iron pin as the best evidence of the corner with up to 22.7 feet of associated uncertainty due to the variance between the position held by Lee Utt and the position monumented by Matthew Badger.

Greene County 7N3W_J25 (OSM #2004: *Section Corner common to Sections 12 & 13-T7N-R3W*): A 5/8" rebar with a yellow plastic cap stamped "BLA FIRM 0030" was found flush. In 1977, Lee Utt held a calculated position for this corner at the record distance (5280 feet) south of the stone at the Northeast corner of Section 12-T7N-R3W (Greene County 7N3W_E25). In 2009, Marty James (GCR 2010-1594) held a calculated position for this corner based on proportion between two locations (one calculated and one monumented) that were not accepted this survey. In 2010, Matthew Badger (MCR 2011005764) set the rebar at the record falling north of the Southwest corner of Section 7-T7N-R2W (InCr_A09). The BLA rebar is 52.9 feet south of the position calculated by Lee Utt. The BLA rebar is 16.6 feet south and 18.6 feet west of the position calculated by Marty James. We accepted the BLA rebar as the corner by common report with up to 52.9 feet of associated uncertainty.

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Greene County 7N3W_L25 (OSM #2005: *East Quarter Corner of Section 13-T7N-R3W*): A 3/4" rebar with a yellow plastic cap stamped "BLA FIRM 0030" was found 7" below grade in Carter Road. The rebar was set by Matthew Badger in 2010 (MCR 2011005764) at the midpoint between the BLA rebar at the Northeast corner of Section 13 (Greene County 7N3W_J25) and the BRG rebar at the Southeast corner of Section 13 (Greene County 7N3W_N25). A stone was set at this corner in 1879 by Greene County Surveyor W. Clogston (GCSO LSB3, pg 68). No trace was found of the accessories to the stone. We did not dig or probe for the stone because the corner falls in a county road. The rebar is 25.2 feet north of a railroad spike accepted by Marty James in 2009 (GCR 2010-1594). The BLA rebar was accepted by James Zimmer in 2014 (GCR 2014-3483) and 2016 (GCR 2016-3372), and we accepted it as the corner by common report with up to 25.2 feet of associated uncertainty.

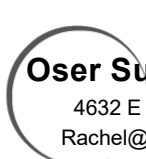
Greene County 7N3W_N25 (OSM #2006: *Section Corner common to Sections 13 & 24-T7N-R3W*): A 5/8" rebar with a damaged yellow plastic cap was found 0.5 feet above grade and 1.2 feet north of an east/west barbed wire fence. The rebar was set by Marty James in 2007 (MCSO RSID001948) and has consistently been accepted by subsequent surveyors. We accepted the rebar as the corner by common report with 30 feet of uncertainty based on the uncertainties cited by James and Badger (GCR 2011-2904).

Greene County 7N3W_P25 (OSM #2007: *East Quarter Corner of Section 24-T7N-R3W*): Calculated - corner falls in pond. Our calculated location is on a northerly projection of a line beginning at the found stone at the Section Corner common to Sections 19 & 30 (InCr_A17) and ending at a 5/8" rebar set by Marston Fowler in 1997 (described in detail as Monument D on the Sturgeon Family Minor Subdivision in Sec. 19 & 30-7N-2W by Rachel Oser dated 3/1/2021 (MCR 2021007101)). The calculated location is equidistant between the found stone (7N3W_R25) at the southeast corner of Section 24 and the found rebar at the northeast corner (7N3W_N25). The uncertainty is approximately 5.5 feet based on the difference between our calculated location and a location calculated by Deckard in 2022 (MCR 2023001322) on a southerly projection from two different monuments.

Greene County 7N3W_R25 (OSM #2008: *Section Corner common to Sections 24 & 25-T7N-R3W*): A 0.8' x 0.4' stone was found 0.5 feet above grade in line with north/south barbed wire fence and 4.5 feet north of a barbed wire fence to the west. The stone is marked with a cut X in top and the west side is marked "24/25". Parker set a stone at this corner in 1883 (GCSO LSB4, pg 12), but he did not describe any markings. The stone was accepted by Badger in 2011 (GCR 2011-0980), Oser in 2021 (MCR 2021007101), and Deckard in 2022 (MCR 2023001322). We accepted the stone as the best evidence of the corner with no associated uncertainty.

Greene County 7N3W_T25 (OSM #2009: *East Quarter Corner of Section 25-T7N-R3W*): A 3/4" rebar with a yellow plastic cap stamped "BLA FIRM 0030" was found flush. Badger set this rebar in 2011 (GCR 2011-0980) at the midpoint between the stone at the Northeast corner of Section 25 (7N3W_R25) and the rebar at the Southeast corner of Section 25 (InCr_A21). We accepted the rebar as the best evidence of the corner with 8 feet of uncertainty based on the uncertainty cited by Badger.

InCr_A13 (OSM #2015: *Section Corner Common to Sections 18 & 19-T7N-R2W*): A 3/4" rebar with a yellow plastic cap stamped "BLA FIRM 0030" was found flush near the west side of an old north/south roadbed as shown on the Monument Record dated June 22, 2021, and accepted by the Monroe County Surveyor Review Board on December 09, 2021. The rebar is 1.8 feet south of a 5" american elm, 16 feet west of a north/south fence line, and approximately in line with fence to the east. Badger set this rebar in 2011 (MCR 2011010190) at the record falling south of the BRG rebar at the Northeast corner of Section 24-7N-3W (7N3W_N25). The rebar was accepted by the Monroe County Surveyor Review Board on December 19, 2011, by David Meier in 2018 (MCR 2018007172), by Rachel Oser in 2021 (MCR 2021007101) and by Eric Deckard in 2022 (MCR 2023001322). We accepted the rebar as the best evidence of the corner with 17 feet of uncertainty based on the uncertainty cited by Badger.

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InCr_A15 (OSM #2016: *West Quarter Corner of Section 19-T7N-R2W*): Calculated - corner falls in pond. Our calculated location is on a northerly projection of a line beginning at the found stone at the Section Corner common to Sections 19 & 30 (InCr_A17) and ending at a 5/8" rebar set by Marston Fowler in 1997 (described in detail as Monument D on the Sturgeon Family Minor Subdivision in Sec. 19 & 30-7N-2W by Rachel Oser dated 3/1/2021 (MCR 2021007101)). The calculated location is equidistant between the found stone at InCr_A17 and the found rebar at InCr_A13. The uncertainty is approximately 5.8 feet based on the difference between our calculated location and a location calculated by Deckard in 2023 (MCR 2023001322) on a southerly projection from two different monuments.

InCr_A17 (OSM #2017: *Section Corner Common to Sections 19 & 30-T7N-R2W*): A 0.8' x 0.4' stone was found 0.5 feet above grade in line with north/south barbed wire fence as shown on the Monument Record dated June 22, 2021, and accepted by the Monroe County Surveyor Review Board on December 09, 2021. The stone is not marked with an x, but the east side is marked "S 30 19". The origin of this monument is unknown. Buskirk took witnesses to this corner in 1881 (MCSO LSB2, pg 349) and 1889 (MCSO LSB2, pg 482), but he did not describe the monument. Greene County Surveyor Francis Parker used the stone as a witness to the Greene County corner to the south in 1883 (GCSO LSB4, pg 12). The stone was accepted by Graham in 1999 (MCR 1999011493), the Monroe County Surveyor Review Board on December 14, 2000, and by all subsequent surveyors. We accepted the stone as the best evidence of the corner with no associated uncertainty.

InCr_A21 (OSM #2019: *Section Corner Common to Sections 30 & 31-T7N-R2W in Monroe County and Sections 25 & 36-T7N-R3W in Greene County*): A 5/8" rebar with an orange plastic cap stamped "OSER IN PS# 21100022" was found flush in Thacker Road as shown on the Monument Record dated June 22, 2021 and accepted by the Monroe County Surveyor Review Board on December 09, 2021. On October 16, 2020, Rachel Oser found a rebar with a bent top (west) and a damaged yellow cap 1.5 feet below grade in the center of Thacker Road. Lee Utt set the rebar in 1989 as shown on the Boundary Survey for Sirucek (GCR 1990-2888). The Utt rebar was accepted by Ben Bledsoe in 2000 (MCR 2000015048) and Matthew Badger in 2011 (GCR 2011-0980). Oser set a 5/8" x 1.4-foot-long rebar with an orange plastic Oser cap over the Utt rebar to raise it to grade. There are 0.3 feet of uncertainty associated with this monument due to the bent top and the difference between measured and record distances noted on the Bledsoe survey. Rachel Oser accepted the rebar as the best evidence of the corner on the Sturgeon Family Minor Subdivision Final Plat dated March 1, 2021 (MCR 2021007101) and Eric Deckard accepted the rebar on the Flynn-Patrias Type E Administrative Subdivision dated September 28, 2021 (MCR 2021023140).

InCr_B07 (*Center-West 1/16 Corner of Section 7-T7N-R2W*): A 1-1/2" galvanized iron pipe with a Dorman style plastic plug was found 7" above grade leaning south at the south base of a dead tree fence corner with fence intersection remains to the west, north, and south. The corner is in an area impacted by seasonal flooding. The fence remains to the north and west were very distinct and the fence remains to the south were intermittent. Monroe County Surveyor W. Alexander set a stone at this corner in 1866 (MCSO LSB2, pg 131). No trace was found of the stone or its accessories. The pipe was set by Henry Dorman in 1972 per his survey of the McDonald Place Tracts (MCSO RSID001734). In 1975, Raymond Graham (MCSO RSID001745) accepted the pipe and noted that it was in line with fence to the west and south. We accepted the Dorman pipe as the best evidence of the corner and used it to establish the east/west centerline of Section 7. The pipe is 9.46 feet north of the line between the 1" iron pin found at the West Quarter Corner of Section 7 (InCr_A07) and the BLA rebar found at the East Quarter corner of Section 7 (InCr_E07).

InCr_C13 (OSM #2026: *Quarter Corner Common to Sections 18 & 19-T7N-R2W*): A 0.6' x 0.8' railroad tie post (located at the center of the south side) was found as shown on the Monument Record dated June 22, 2021, and accepted by the Monroe County Surveyor Review Board on December 09, 2021. The origin of the post is unknown. It was accepted by Badger in 2011 (See MCR 2011010190 for a very thorough analysis of the monument). The post was first accepted by the Monroe County Surveyor Review Board on December 19, 2011, and has been accepted by all subsequent surveyors. We accepted the post as the best evidence of the corner with 35 feet of associated uncertainty based on the uncertainty cited by Badger.

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InCr_C15 (OSM #2027: *Center Quarter Corner of Section 19-T7N-R2W*): A 3/4" i.d. iron pipe was found 0.5 feet below grade at the base of an old 5" diameter wooden post with barbed wire fence remains as shown on the Monument Record dated June 22, 2021 and accepted by the Monroe County Surveyor Review Board on December 09, 2021. The pipe is 4 feet north of the current east/west barbed wire fence. The origin of this monument is unknown. It is 2.6 feet southeast of Graham's 2018 (MCR 2018015296) calculated position of the corner and 4.7 feet southwest of our calculated intersection of opposite quarter corners. We accepted the pipe as the best evidence of the corner with 4.7 feet of associated uncertainty.

InCr_C16 (OSM #2028: *Center-South 1/16 Corner of Section 19-T7N-R2W*): A 5/8" rebar with a blue plastic cap stamped "DECKARD FIRM 0129" was found 0.4 feet above grade. A 5/8" rebar with a damaged yellow plastic cap was found flush N 82°19'55" E 8.14 feet. Graham set a rebar with a BFA cap at this corner in 2018 (MCR 2018015296). The monument is on the west side of a north/south fence, in the Childers pasture. Michael Childers told us that his father (the owner of the Childers farm) drove the BFA rebar down flush because it was in his tractor path. The BFA rebar is not in its platted position. Deckard set his rebar in 2021 (MCR 2021000955) in agreement with Graham, in the position for the corner that was shown on the Moore's Buena Vista Farm boundary survey and Minor Subdivision plat. We accepted the Deckard rebar as the best evidence of the corner with one foot of associated uncertainty.


InCr_C17 (OSM #2029: *Quarter Corner Common to Sections 19 & 30-T7N-R2W*): A 5/8" rebar was found 0.3 feet above grade per the Monument Record dated June 22, 2021, and accepted by the Monroe County Surveyor Review Board on December 09, 2021. The rebar was set by Graham in 1999 (MCR 199901493) and has been accepted on all subsequent surveys. We accepted the rebar as the corner by common report with no associated uncertainty.

InCr_C21 (OSM #2031: *Quarter Corner Common to Sections 30 & 31-T7N-R2W*): A 5/8" rebar with blue plastic cap stamped "DECKARD FIRM #0129" was found 5" above grade as shown on the Monument Record dated March 31, 2022, and accepted by the Monroe County Surveyor Review Board on September 27, 2022. The rebar was set by Eric Deckard in 2021 as shown on the Wessel Type E Administrative Subdivision Final Plat (MCR 2021011663). Mr. Deckard set the corner per the position calculated by Ben Bledsoe in 2000 (MCR 200015048). The rebar is within 2 feet of an existing fence line running north and south. We accepted the rebar as the best evidence of the corner with up to 11.3 feet of associated uncertainty due to different proportionate results based on measurements provided in an 1846 legal survey by James Spencer (MCSO LSB 1, pg 87).

InCr_D15 (*Center-East 1/16 Corner of Section 19-T7N-R2W*): Monroe County Surveyor M. Buskirk established this corner in 1881 per the legal survey on file in the Monroe County Surveyor's Office in Legal Survey Book 2, page 349. In 2017, Eric Deckard (MCR 2017010189) held an iron pipe at this corner. The pipe was subsequently accepted by C.D. Graham in 2018 (MCR 2018015296 and MCR 2019013999). We found a 1" galvanized iron pipe with a degraded plastic plug 12" above grade in a north/south wire fence on the north side of an old roadbed. No trace was found of the historical 1881 monument or its accessories. The pipe is 18 feet north of the line between the pipe at the Center of Section 19 (C15) and the rebar at the East Quarter corner of Section 19 (E15). We accepted the pipe as the corner by common report.

InCr_E02 (*North 1/16 Corner Common to Sections 5 & 6-T7N-R2W*): An undated and unsigned sketch of Section 6 on file in the Monroe County Surveyor's Office as RSID004982 depicts a railroad spike in the centerline of Burch Road at this corner. No monument was found.

InCr_E14 (*North 1/16 Corner Common to Sections 19 & 20-T7N-R2W*): Monroe County Surveyor M. Buskirk established this corner in 1881 per the legal survey on file in the Monroe County Surveyor's Office in Legal Survey Book 2, page 349. In 2011, Douglas Curry held a 7" x 8" wooden post at this corner as shown on the Summit Type A Subdivision (MCR 2011009793). In 2017, Eric Deckard (MCR 2017010189) held a calculated position 11.5 feet westerly from the post. No

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trace was found of the historical monument or its accessories. The wooden post was found 15.6 feet easterly of the midpoint between the stone at the Northeast corner of Section 19 (E13) and the rebar at the East Quarter corner of Section 19 (E15).

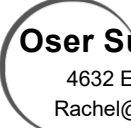
InCr_E21 (OSM #2042: Section Corner Common to Sections 29, 30, 31 & 32-T7N-R2W): A 5/8" rebar with a damaged cap was found 0.2 feet below grade in the centerline of Thacker Road as shown on the Monument Record dated June 22, 2021 and accepted by the Monroe County Surveyor Review Board on December 09, 2021. Ben Bledsoe set a railroad spike at this corner in 2000 (MCR 2000015048). In 2000, Monroe County Surveyor Kevin Enright witnessed a "RR spike painted orange with orange flagging and orange "prop corn" printed around an orange circle" in the centerline of Thacker Road. In 2001, James Tibbett (MCR 2001017175) replaced a heaved railroad spike with the 5/8" rebar. The rebar has been consistently accepted on subsequent surveys and we accepted it as the corner by common report with no associated uncertainty.

VanBu_C25 (OSM #2044: South Quarter Corner of Section 31-T8N-R2W): A 1-1/2" drill steel was found 1" below grade and 2 feet southeast of an 8" x 7" fiberglass I-post with fence to the north and west. The pin is at the west toe of slope of Breeden Road. It was found per the Monument Record dated July 11, 2005, and accepted by the Monroe County Surveyor Review Board on March 11, 2008. The origin of the pin is unknown. It was accepted by Eric Deckard in 2006 (MCR 2006020052) and has consistently been accepted by subsequent surveyors. We accepted the pin as the corner by common report.

VanBu_E25 (OSM #2045: Section Corner Common to Sections 31 & 32-T8N-R2W): A 5/8" rebar with no cap was found flush 4.2 feet north of east/west wire fence remains. The rebar was set by Ben Wilson in 2007 (MCSO RSID004783) using physical evidence of existing county roads. Philip Tapp accepted the rebar in 2008 (MCR 2008008449) and it has consistently been accepted by subsequent surveyors. We accepted the rebar as the corner by common report.

POINT TABLE:

Number	Northing	Easting	CornerID	Description	Found/Set
2001	1393202.53	3066624.01	7N3W C25	STONE	FOUND
2002	1390546.27	3066651.09	7N3W E25	STONE	FOUND
2003	1387879.83	3066674.84	7N3W G25	1" INDOT IP	FOUND
2004	1385213.61	3066702.42	7N3W J25	BLA REBAR	FOUND
2005	1382573.91	3066709.29	7N3W L25	BLA REBAR	FOUND
2006	1379934.53	3066716.10	7N3W N25	BRG REBAR	FOUND
2007	1377281.59	3066730.80	7N3W P25	CALCULATED	CALC
2008	1374628.62	3066721.68	7N3W R25	STONE	FOUND
2009	1371973.04	3066727.39	7N3W T25	BLA REBAR	FOUND
2010	1393101.27	3066626.38	InCr A03	STONE	FOUND
2011	1390436.15	3066651.96	InCr A05	BLA REBAR	FOUND
2012	1387796.26	3066675.85	InCr A07	1" INDOT IP	FOUND
2013	1385178.65	3066702.51	InCr A09	BLA REBAR	FOUND
2014	1382552.35	3066709.32	InCr A11	SET MAGSPIKE OVER BLA REBAR	FOUND
2015	1379894.73	3066716.19	InCr A13	BLA REBAR	FOUND
2016	1377300.39	3066730.87	InCr A15	CALCULATED	CALC
2017	1374706.04	3066721.63	InCr A17	STONE	FOUND
2018	1372011.71	3066727.31	InCr A19	OSER REBAR	FOUND
2019	1369317.38	3066733.71	InCr A21	OSER REBAR	FOUND
2020	1395743.83	3068464.36	InCr C01	HARRISON MONUMENT	FOUND
2021	1393102.73	3068580.79	InCr C03	HARRISON MONUMENT	FOUND
2022	1390437.46	3068698.34	InCr C05	HARRISON MONUMENT	FOUND
2023	1387792.18	3068706.42	InCr C07	MCS REBAR	SET
2024	1385191.14	3068714.36	InCr C09	REBAR ADDED MCS CAP	FOUND

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 6, 7, 18, 19 & 30 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR		PROJECT# 10246
			SHEET# 15 OF 88

2025	1382548.45	3068726.33	InCr C11	SET MAGSPIKE OVER RR SPIKE	FOUND
2026	1379912.72	3068739.76	InCr C13	WOOD POST	FOUND
2027	1377300.98	3068750.33	InCr C15	PIPE	FOUND
2028	1376000.36	3068753.52	InCr C16	DECKARD REBAR	FOUND
2029	1374699.42	3068754.77	InCr C17	5/8" REBAR	FOUND
2030	1371974.80	3068719.01	InCr C19	DECKARD REBAR	FOUND
2031	1369292.50	3068683.44	InCr C21	DECKARD REBAR	FOUND
2032	1395714.87	3071113.42	InCr E01	REPLACED MAGNAIL W/ MAGSPIKE	FOUND
2033	1393105.02	3071218.88	InCr E03	STONE	FOUND
2034	1390463.50	3071322.70	InCr E05	STONE	FOUND
2035	1387830.68	3071350.70	InCr E07	BLA REBAR	FOUND
2036	1385197.66	3071342.71	InCr E09	IRON PIN	FOUND
2037	1382558.65	3071340.71	InCr E11	REBAR ADDED MCS CAP	FOUND
2038	1379939.86	3071344.26	InCr E13	STONE	FOUND
2039	1377310.02	3071372.49	InCr E15	REPLACED REBAR WITH MCS REBAR	SET
2040	1374674.08	3071388.46	InCr E17	BYNUM FANYO REBAR	FOUND
2041	1371926.00	3071343.54	InCr E19	RR RAIL	FOUND
2042	1369259.76	3071305.35	InCr E21	REBAR FOUND	FOUND
2043	1395748.35	3066586.03	TwpCor V	STONE	FOUND
2044	1395745.16	3068350.82	VanBu C25	1-1/2" IRON ROD	FOUND
2045	1395714.69	3070990.26	VanBu E25	5/8" REBAR	FOUND

CERTIFICATION: This document is not complete without the associated plats and Monroe County Monument Records. This survey was performed without benefit of evidence of source of title and is subject to any statement of facts revealed by the same. Evidence of easements have not been located in the field and are not shown on this survey drawing. This qualification will be removed upon receipt and inspection of current title work. Subject to the above reservation, the survey work shown hereon was performed either by me or under my direct supervision and control and to the best of my knowledge and belief was performed according to the survey requirements in 865 IAC 1-12-1 through 34.

Certified August 19, 2023

Rachel Oser

Rachel Oser


State of Indiana

Professional Surveyor 21100022

Date of last revision: September 20, 2023



I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law.
Rachel Oser

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 6, 7, 18, 19 & 30 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	PROJECT# 10246
		SHEET# 16 OF 88

MONUMENT RECORD

Corner ID: TwpCor_V

Township Corner

Section 31 – T08N – R02W, 2nd P.M., Van Buren Township, Monroe County

Section 6 – T07N – R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 36 – T08N – R03W, 2nd P.M., Beech Creek Township, Greene County

Section 1 – T07N – R03W, 2nd P.M., Center Township, Greene County

36	31
8N-3W	8N-2W
7N-3W	7N-2W
1	6

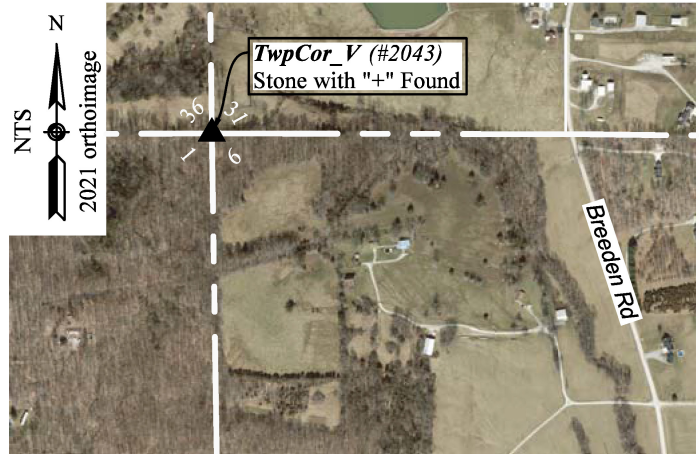
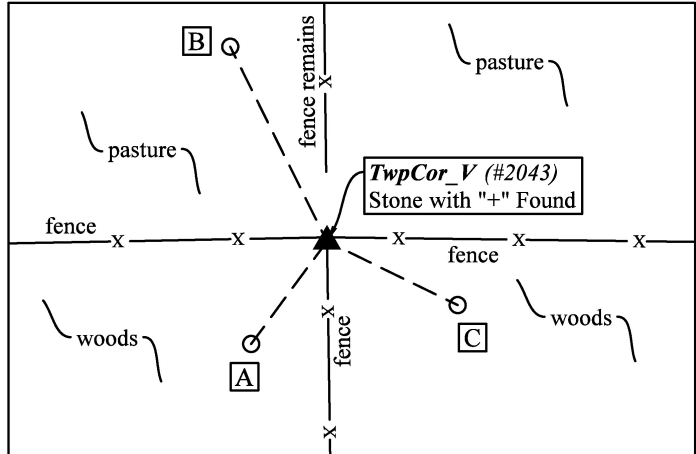
Greene Co. Monroe Co.

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

8" x 4" stone with a deep chiseled "+" on top found flush on the south side of a 4-way fence intersection.

GEODETIC COORDINATES: Northing: 1395748.35, Easting: 3066586.03

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 36°32'12" W	12.69'	5/8" rebar with faded plastic cap found 5" above grade found per 1998 Greene County Monument Record
B	N 26°28'43" W	21.62'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
C	S 64°4'46" E	14.50'	5/8" rebar with faded plastic cap found 9" above grade found per 1998 Greene County Monument Record
D	SOUTH	0.5'	Heavy steel u-post with a yellow Monroe County Survey Marker sign attached 6 feet above grade (Not depicted on sketch)
E	EAST	0.35'	Steel t-post (Not depicted on sketch)
F	NORTH	0.4'	Face of 8" wood post with 4-way fence (Not depicted on sketch)

Notes: Witness ties A, B, and C above were measured with RTK. The trees (but not the nails) at witness ties B, C, and D from the 1997 Monroe County Monument Record were found and verified.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A yellow Monroe County Survey Marker sign was bolted to the east side of the heavy steel u-post found on the south side of the stone. The sign is 6 feet above grade and the post is 0.5 feet east of the "+" on top of the stone.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is well planted and protected on the edge of a pasture to the north and a wooded area to the south. The owner of the pasture to the northeast also leases the ground to the northwest. He is aware of the stone and stated that he would protect it when he rebuilds the fence.

MONUMENT RECORD

Corner ID: TwpCor_V

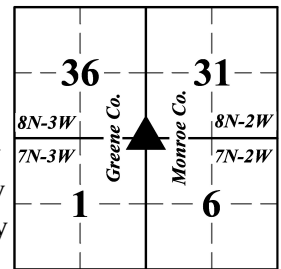
Township Corner

Section 31 – T08N – R02W, 2nd P.M., Van Buren Township, Monroe County

Section 6 – T07N – R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 36 – T08N – R03W, 2nd P.M., Beech Creek Township, Greene County

Section 1 – T07N – R03W, 2nd P.M., Center Township, Greene County



PERPETUATION RECORD

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: circa 1815 By: Alexander Holmes

Where filed or recorded: F_EV02P271

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	6"	S 5° E	17 lks
Maple	18"	N 39° E	31 lks

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/30/1842 By: Brown, J.C.

Where filed or recorded: GCSO LSB1, pg 132

Original monument: Not noted

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None noted			

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/19/1971	Utt, Lee	Survey of Sullivan Tract for Hudson in 1-7N-3W (<i>stone</i>)	GCR DE204-418
01/30/1997	Enright, Kevin	Monument Record TwpCor_V (<i>stone</i>)	MCSO
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County (<i>stone</i>)	GCSO BTR #2319
12/08/2010	Badger, Matthew	Glasgow site in 7 & 18-7N-2W & 12 & 13-7N-3W (<i>stone</i>)	MCR 2011005764 GCR 2011-2902
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site. (<i>stone</i>)	MCSO
06/21/2011	Badger, Matthew	Survey of Cornwell site Sec. 6 & 7-7N-2W (<i>stone</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>stone</i>)	MCR 2011010190 GCR 2011-2897
11/19/2012	Tapp, Philip	Whaley Type A in Section 31-8N-3W (<i>stone</i>)	MCR 2012020021
06/27/2018	Deckard, Eric	Survey for Heist in Sec.1-7N-3W (<i>stone</i>)	GCR 2018-2570

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on 1/30/1997.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of this stone is unknown. It first appeared in the modern survey record in 1971, when it was accepted by Lee Utt. The stone has been accepted on all subsequent surveys of record and we accepted it as the best evidence of the corner with no associated uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: TwpCor_V

Township Corner

Section 31 – T08N – R02W, 2nd P.M., Van Buren Township, Monroe County

Section 6 – T07N – R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 36 – T08N – R03W, 2nd P.M., Beech Creek Township, Greene County

Section 1 – T07N – R03W, 2nd P.M., Center Township, Greene County

36	31
8N-3W	8N-2W
7N-3W	7N-2W
1	6

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: TwpCor_V



Photo Orientation & Description: Looking west at TwpCor_V

FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 3/76

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

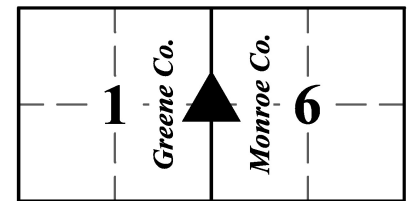
MONUMENT RECORD

Corner ID: InCr_A03

West 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

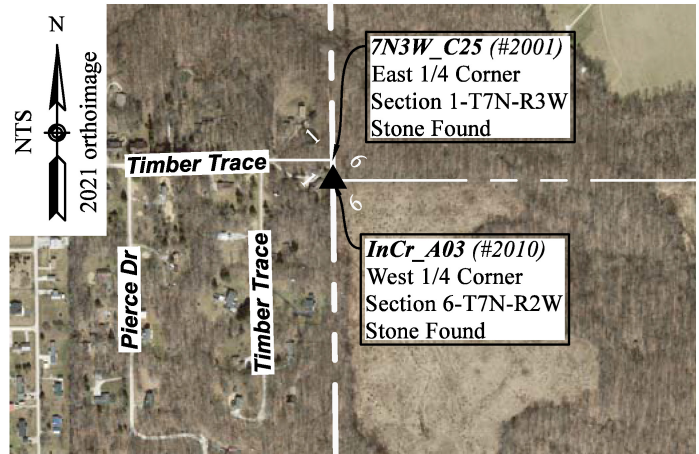
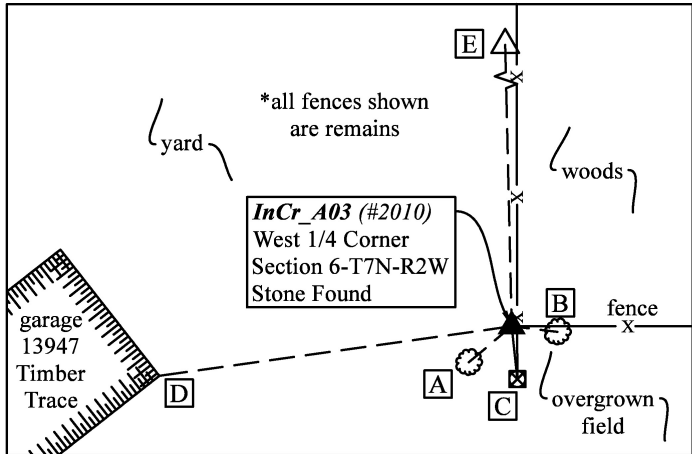
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
7" x 2.5" stone with "+" found 4" above grade on the west side of a north/south fence line.

GEODETIC COORDINATES: Northing: 1393101.27, Easting: 3066626.38

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 50° W	8.4'	Magnetic signal 12" above grade on the northwest side of an 18" dbh oak
B	S 83° E	6.9'	North side of 20" pignut hickory in east/west fence with no visible nail (bearing to center of tree)
C	S 6° E	7.95'	Magnail found 9" above grade on the west side of a 5" x 8" wood post at the south end of a barbed wire fence with a Monroe County SURVEY MARKER sign found 4.5 feet above grade nailed to the north side of the post
D	S 82° W	53.3'	Garage corner
E	N 1°20'17" W	101.29'	7N3W_C25 – East 1/4 corner of Section 1-7N-3W 7" x 3" stone with chiseled "+" found flush 3 feet west of north/south barbed wire fence. The stone is witnessed by a 2-1/2" galvanized iron pipe 0.45 feet northwest and a steel t-post with a Greene County Surveyor sign 0.25 feet east.

Notes: Distances to witness ties A, B, C, and D were measured with a 100-foot steel tape. Bearings to witness ties A, B, C, and D were collected with the internal magnetic compass of the Javad Triumph LS and verified with a 2° compass adjusted for declination. Witness tie E was located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.35 feet east of the stone in north/south wire fence remains with a Monroe County SURVEY MARKER sign attached 3.5 feet above grade facing west.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is in the back fence line of the house at 13947 E Timber Trace Drive.

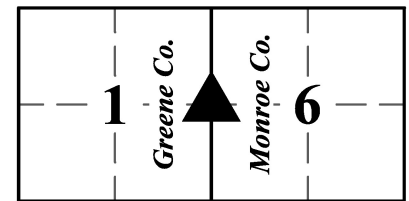
MONUMENT RECORD

Corner ID: InCr_A03

West 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 corner of Section 6 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 08/14/1890 By: Buskirk, M.

Where filed or recorded: LSB2, page 492

Original monument: Not described, presumed stone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Thornbush	3"	East	8 links (5.3 feet)
Black walnut	10"	S 8° E	87 links (57.4 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>found stone – accepted calculated location on the senior township line 0.01 feet north and 1.46 feet west</i>)	MCR 2011005764 GCR 2011-2902
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>found stone – accepted calculated location on the senior township line</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>found stone – accepted calculated location</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>Witnessed stone</i>)	MCR 2011010190 GCR 2011-2897

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The stone was approved by the Monroe County Surveyor Review Board on 8/09/2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor M. Buskirk established this corner in 1890 per the legal survey filed in Legal Survey Book 2, page 492. Buskirk did not specifically describe the monument, but the found stone is similar in appearance to other stones set in the same period. In 2010, Matthew Badger accepted the stone to establish the section line between Sections 6 and 7 but extended the line 1.46 feet west to its intersection with the senior township line. Badger did not monument his calculated position. We chose to accept the stone as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: 1.46 feet.
- Inconsistencies in the lines of Occupation: 0.35 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_A03

West 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

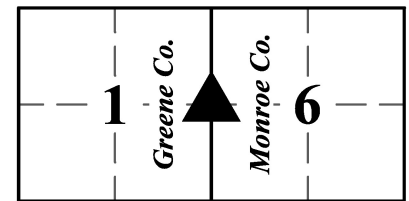


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/20/2023



Photo Orientation & Description: Stone at A03



Photo Orientation & Description: Looking east at A03

FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/14

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Date of last revision: September 20, 2023

Signature:

Rachel Oser



Seal:

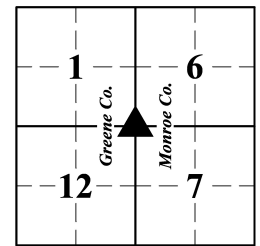
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_A05

Section Corner

Sections 06 & 07 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

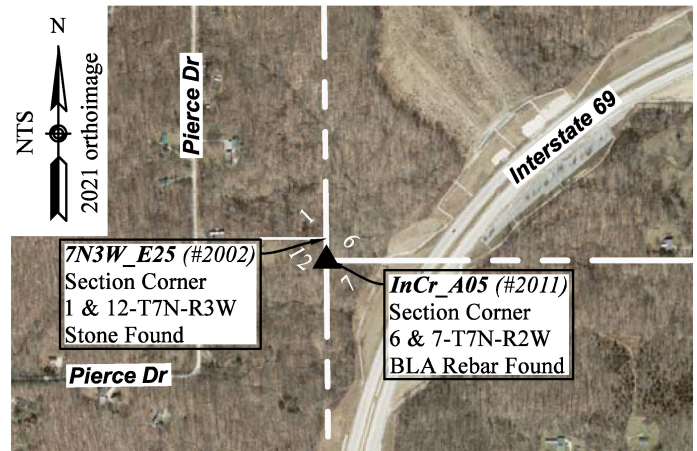
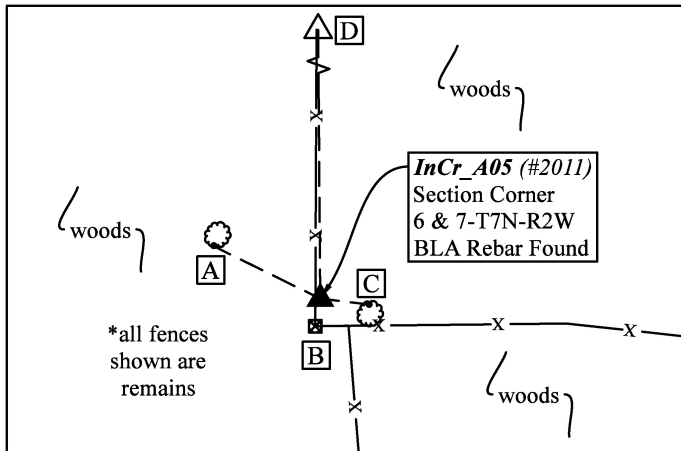


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

3/4" rebar with damaged yellow plastic cap found 5" above grade. The rebar is 0.6 feet east of north/south wire fence and 3.65 feet north of wire fence remains heading east.

GEODETIC COORDINATES: Northing: 1390436.15, Easting: 3066651.96

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 63°49'27" W	17.68'	2" mag nail and 1-1/2" orange plastic disc set in south root flair of 14" sugar maple (bearing and distance to nail – located with RTK)
B	S 3° E	3.65'	Mag nail found 0.5 feet above grade on the east side of a 6" x 8" railroad tie corner post with fence north and east. A Monroe County SURVEY MARKER sign was found nailed to the east side of the post 5.5 feet above grade.
C	S 83°13'30" E	7.42'	2" mag nail and 1-1/2" orange plastic disc set in north root flair of 13" sugar maple (bearing and distance to nail – located with RTK)
D	N 0°27'15" W	110.12'	7N3W_E25 – Section corner common to Sections 1 and 12-7N-3W 6" x 7" stone with chiseled "+" found 8" above grade in north/south barbed wire fence

Notes: Witness ties were located with RTK. Witness C from the 2011 Monument Record was not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.25 feet west of the rebar with a Monroe County SURVEY MARKER sign attached 3.9 feet above grade and facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

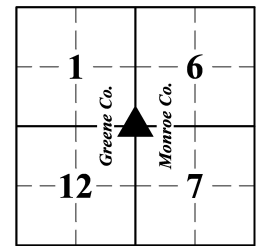
The corner is in a wooded area approximately 480 feet east of the mobile home at 3142 N. Pierce Lane.

MONUMENT RECORD

Corner ID: InCr_A05

Section Corner

Sections 06 & 07 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P291

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	5"	S 9° W	15 lks
Beech	15"	N 72° E	32 lks

Notes: Intersected the west boundary of 7N2W 167 links
south of the post corner to Sections 1 & 12-T7N-R3W

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. Two county surveyors referenced this
corner in their surveys, but did not describe or witness
the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/21/1866	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 131
08/14/1890	Buskirk, M.	Legal Survey in Section 6 (<i>not described or witnessed</i>)	MCSO LSB2, pg 492
06/09/1972	Dorman, Henry	Survey of McDonald Place Tracts in Section 7-7N-2W (<i>set 24" x 1" galvanized iron pipe with plastic plug</i>)	MCSO RSID001734
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>no monument found, calc'd or set</i>)	MCR 2011005764 GCR 2011-2902
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated at record falling of 167 links south of the southeast corner of Section 1-7N-3W. Fell 3.7 feet north and 0.4 feet east of a railroad tie fence corner with fence east and north. The fence was built by Adams several years prior to the Badger survey with no knowledge of the location of the southwest corner of Section 6</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Cornwell site in Sec. 6 & 7-7N-2W (<i>origin of BLA rebar</i>)	MCR 2011008104

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on July 5, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Two Monroe County Surveyors referenced this corner on their surveys, but they did not describe or witness the monument. In 1972, Henry Dorman monumented this corner with a galvanized iron pipe. Ties to other pipes from the 1972 Dorman survey indicate that his pipe should have been approximately 10.3 feet west of the BLA rebar. No trace was found of a stone or the Dorman pipe. The BLA rebar was set in 2011 by Matthew Badger of Bernardin Lochmueller & Associates at the record falling of 167 links (110.22 feet) south of the stone found at the southeast corner of Section 1-7N-3W as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. We accepted the rebar as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 10.3 feet.
- Inconsistencies in the lines of Occupation: 3.65 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_A05

Section Corner

Sections 06 & 07 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

1	6
12	7

Greene Co. Monroe Co.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/20/2023



Photo Orientation & Description: Rebar at A05



Photo Orientation & Description: Looking west at A05

FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

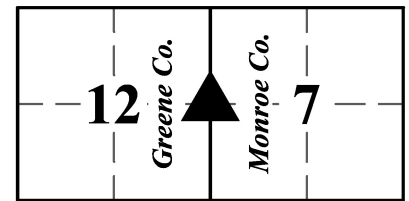
MONUMENT RECORD

Corner ID: InCr_A07

West 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

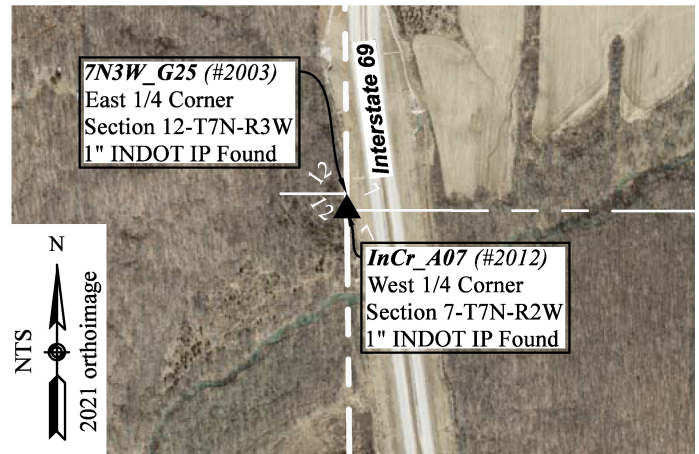
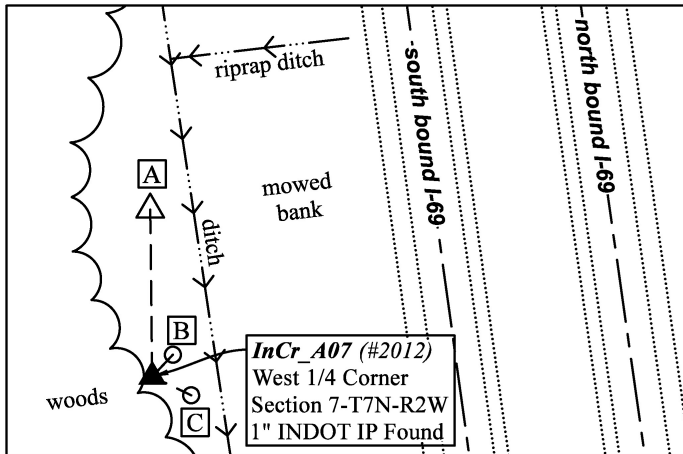


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 1" iron pin (standard INDOT Section Corner Monument) was found flush in a 17" concrete base.

GEODETIC COORDINATES: Northing: 1387796.26, Easting: 3066675.85

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°41'15" W	83.58'	7N3W_G25 - East 1/4 corner of Section 12-7N-3W A 1" iron pin (standard INDOT Section Corner Monument) was found flush in a 20" concrete base.
B	N 43°19'19" E	15.05'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
C	S 64°19'43" E	21.59'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush

Notes: All witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.85 feet west of the iron pin with a Monroe County SURVEY MARKER sign attached 4 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is approximately 5-feet east of the west top of bank of I69 on the edge of the mowed area and under some autumn olive bushes. All prior ties from the 2011 Monument Record were destroyed by construction of I69.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 Corner of Section 7 was not established by the original government surveyor.

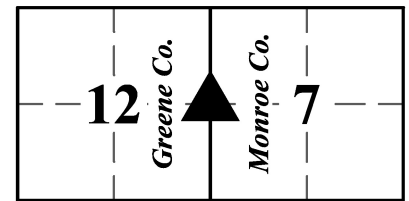
MONUMENT RECORD

Corner ID: InCr_A07

West 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: MCSO LSB2, pg 131

Original monument: stone corner

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	30"	S 26.5° E	15 links (9.9 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section -7N-2W (<i>depicts stone</i>)	MCSO RSID004983
06/09/1972	Dorman, Henry	Survey of McDonald Place Tracts in Section 7-7N-2W (<i>Iron pipe – Dorman often witnessed stones with pipes</i>)	MCSO RSID001734
12/18/1975	Graham, Raymond	Survey of McDonald Tracts in Section 7 (<i>stone at intersection of fences north/south/east</i>)	MCSO RSID001745
12/30/1977	Utt, Lee	Survey for Dunn in 12-7N-3W (<i>stone in fence to east located 106.30' south of East 1/4 Corner of Sec.12-7N-3W</i>)	Deckard Land Surveying
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>accepted 1-1/2" iron pipe presumably set by Dorman found 6" above grade and set East 1/4 Corner of Section 12-7N-3W 83.60 feet north</i>)	MCR 2011005764 GCR 2011-2902
05/11/2011	Badger, Matthew	Exhibit - Cornwell Site in 6-7N-2W(<i>accepted iron pipe</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Cornwell in Sec. 6 & 7-TN-2W (<i>accepted 1-1/2" iron pipe</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted 1-1/2" iron pipe</i>)	MCR 2011010190 GCR 2011-2897

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The pipe that previously monumented this corner was approved by the Monroe County Surveyor Review Board on July 5, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W.Alexander set a stone at this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131. In 1972, Henry Dorman set a 24" x 1" galvanized iron pipe with plastic plug in top stamped "DORMAN RLS 9923" at this corner. Mr. Dorman frequently witnessed found stones with pipes, so it is possible that there was also a stone next to the pipe. In 1975, Raymond Graham held a stone at the intersection of fences to the north, south, and east. Mr. Graham did not mention Mr. Dorman's pipe. In 1977, Lee Utt held a stone at the fence intersection, again with no mention of Mr. Dorman's pipe. In 2010, Matthew Badger accepted the Dorman pipe with no mention of the stone. All physical evidence of the pipe, the stone, and any fence remains was destroyed by construction of Interstate 69. The iron pin found is a standard INDOT section corner monument that was set to replace the Dorman pipe. Dimensions from the Graham survey indicate that the stone could have been up to 3.15 feet north of the pipe. However, based on the frequency with which we find Dorman pipes next to stones, it is possible the Dorman pipe was set as a witness to the stone. We accepted the INDOT monument as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 3.15 feet.
- Discrepancies in the Documents: 3.15 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_A07

West 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

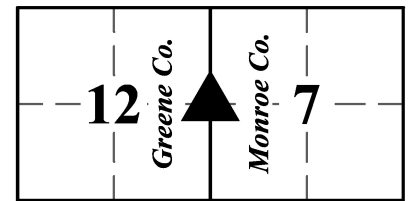


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/20/2023



Photo Orientation & Description: Looking west at A07



Photo Orientation & Description: Looking south at A07 with interstate visible in the background

FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_A09

Section Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

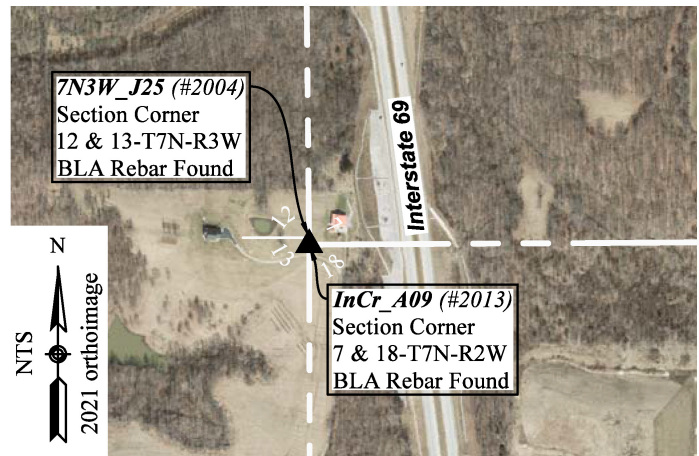
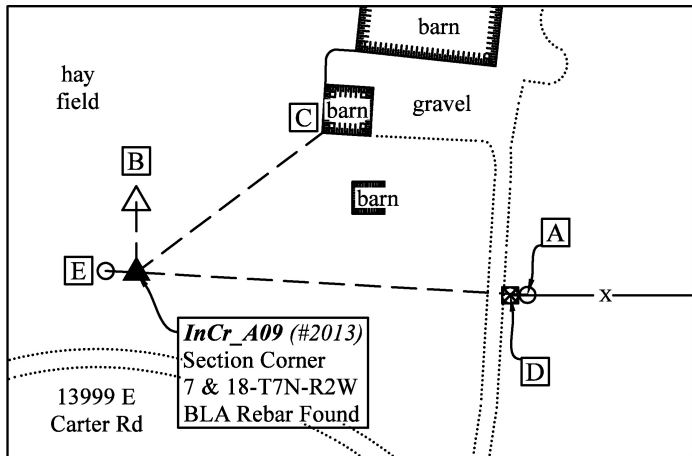
12	7
13	18

Greene Co. Monroe Co.

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with plastic cap stamped "BLA FIRM 0030" found 4" below grade.

GEODETIC COORDINATES: Northing: 1385178.65, Easting: 3066702.51

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 86°42'26" E	195.46'	3/4" rebar with plastic cap stamped "BLA FIRM 0030" found flush
B	N 0°8'28" W	34.95'	7N3W_J25 – Section corner common to Sections 12 & 13-7N-3W 5/8" rebar with plastic cap stamped "BLA FIRM 0030" found flush
C	N 53° E	115.9'	Southwest corner of pole barn
D	S 86° E	186.8'	Northwest corner of 4" x 5" wood post with a Monroe County SURVEY MARKER sign found 3.7 feet above grade on the west side
E	N 87°22'37" W	15.37'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush

Notes: Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.3 feet south of the rebar with a Monroe County SURVEY MARKER sign attached 3 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The gravel driveway leading to the house at 13999 E Carter Road is gated approximately 1/4 mile south of the corner. The corner is located in an open field approximately 43 feet north of the center of a gravel driveway. A dog is kept on a chain between the two section corners. It is impossible to locate either corner without aggravating the dog.

PERPETUATION RECORD

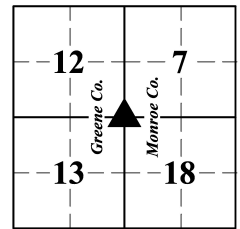
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_A09

Section Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie
Where filed or recorded: F_EV02P291
Original monument: 12" sugar maple
Bearing Trees or Reference Monuments: No witnesses
Notes: Intersected the west boundary of 7N2W 53 links
south of the post corner to Sections 12 & 13-T7N-R3W

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.
Where filed or recorded: MCSO LSB2, pg 131
Original monument: Not described
Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Ash	4"	N 9° E	60 links

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/13/1854	Spencer, James	Legal Survey in Section 18 (<i>measured from this corner, but did not describe or witness the monument</i>)	MCSO LSB1, pg 269
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>origin of BLA rebar</i>)	MCR 2011005764 GCR 2011-2902
03/11/2011	Badger, Matthew	I69 Sec. 4 Segment 6 Route Survey (<i>accepted BLA rebar</i>)	GCR 2011-0980
06/21/2011	Badger, Matthew	Cornwell site in Sec. 6 & 7-7N-2W (<i>accepted BLA rebar</i>)	MCR 2011008104
06/11/2020	Deckard, Eric	Grubb Type "E" Subdivision (<i>accepted BLA rebar</i>)	MCR 2022011812

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Two Monroe County Surveyors referenced this corner on mid-1800s legal surveys, but no trace was found of a historical monument. The rebar was set by Matthew Badger in 2010 and has been accepted on all subsequent surveys of record. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/20/2023



Photo Orientation & Description: Rebar at A09



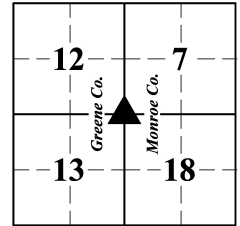
Photo Orientation & Description: Looking south at A09

MONUMENT RECORD

Corner ID: InCr_A09

Section Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/17

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

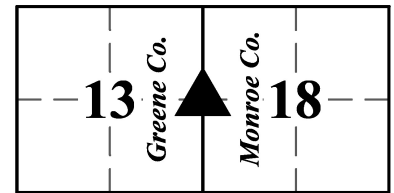
MONUMENT RECORD

Corner ID: InCr_A11

West 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

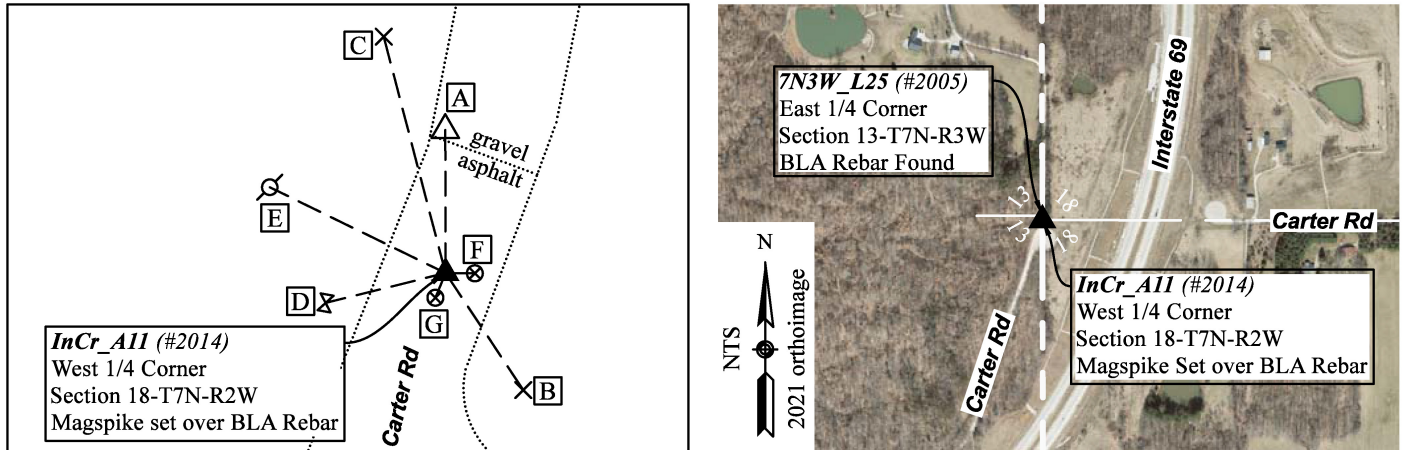


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" set slightly recessed over 3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found 8" below grade 1 foot southeast of the centerline of Carter Road (17' wide asphalt).

GEODETIC COORDINATES: Northing: 1382552.35, Easting: 3066709.32

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°5'54" W	21.56'	7N3W_L25 – East 1/4 Corner of Section 13-7N-3W 3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found 7" below grade under gravel (1.5 feet north of the transition from asphalt to gravel)
B	S 33°38'32" E	21.19'	Cut X found on top of 12" concrete culvert on the east side of Carter Road
C	N 14°40'12" W	36.82'	Cut X found on top of 12" corrugated metal culvert on the west side of Carter Road
D	S 76°0'55" W	18.64'	Cut X on northwest rim of water valve
E	N 64° W	29.5'	Mag nail found 5 feet above grade on the south side of 9" utility pole UDWI 144414 with a Monroe County SURVEY MARKER sign found 5 feet above grade on the east side of the pole
F	S 89°28'53" E	4.42'	Calculated location of railroad spike. Magnetic signal found. Did not dig.
G	S 22°21'25" W	4.02'	Calculated location of railroad spike. Magnetic signal found. Did not dig.

Notes: Witness Ties A through D were located with RTK. Witness Tie E was measured with a 100-foot steel tape and a 2° compass adjusted for declination. Witness Ties F and G were not measured- calculated locations are shown.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County SURVEY MARKER sign was found 5 feet above grade on the east side of the utility pole at witness E. After finding the rebar 8" below grade, we patched the hole with cold asphalt and set a 4-1/2" long magspike on top.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 30 feet north of the north edge of the cul-de-sac at the apparent end of the county maintained portion of Carter Road.

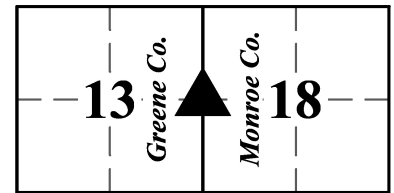
MONUMENT RECORD

Corner ID: InCr_A11

West 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 Corner of Section 18 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 04/13/1854 By: Spencer, James

Where filed or recorded: MCSO LSB1, page 269

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Lynn (basswood)	20"	N 75° W	73 links (48.2 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/18/1990	Archer, Steven	5.00 acre survey on Carter Road in Sec. 18 <i>(monument not described)</i>	MCSO RSID001940
04/27/1992	Graham, Raymond	10.57 acre survey in Sec. 18 <i>(monument not described)</i>	MCSO RSID001942
05/21/2000	Graham, Charles	3.78 acre survey in Sec. 18 <i>(monument not described, corner depicted in c/l Carter Rd)</i>	MCSO RSID001941
09/13/2007	James, Marty	Survey in Section 13-7N-3W <i>(set railroad spike at F)</i>	GCR 2008-1703
12/24/2009	James, Marty	Survey for Cullison in Sec.11-7N-3W <i>(accepted railroad spike at G as the East 1/4 Corner of Sec.13-7N-3W)</i>	GCR 2010-1594
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W <i>(origin of BLA rebar)</i>	MCR 2011005764 GCR 2011-2902
03/11/2011	Badger, Matthew	I69 Section 4 Segment 6 Route Survey <i>(BLA rebar)</i>	GCR 2011-0980
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 <i>(BLA rebar)</i>	MCR 2011010190 GCR 2011-2897
06/11/2020	Deckard, Eric	Grubb Type "E" Administrative Subdivision Final Plat <i>(accepted calculated location per Badger survey)</i>	MCR 2022011812

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not an approved prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 2007, Marty James set the railroad spike at (F) at the West 1/4 Corner of Section 18-7N-2W per ties to a Graham survey. In 2009, Marty James accepted the railroad spike at (G) as the East 1/4 Corner of Section 13-7N-3W. The 2009 James survey says that the railroad spike at (G) was previously set by Bledsoe Riggert Guerrettaz, but a survey showing the origin of the spike was not found. The railroad spike at (G) is S 58° W 7.0 feet from the railroad spike at (F). In 2010, Matthew Badger evaluated both railroad spikes and established the corner at the westerly projection of the railroad spike at the center of Section 18 (C11) with the railroad spike at (F) to the range line. In March 2011, Monroe County Surveyor Kevin Enright witnessed the BLA rebar, but the monument was tabled by the Surveyor Review Board on December 13, 2011. In September 2021, Monroe County Surveyor Trohn Enright-Randolph witnessed the BLA rebar again, and the rebar was tabled again by the Surveyor Review Board on December 09, 2021. The Review Board tabled the monument both times due to lack of information about the two railroad spikes at (F) and (G). We evaluated all three monuments and found Badger's analysis sound. In addition, we found that the BLA rebars at L25 and A11 have been used on subsequent surveys by Badger and Zimmer encompassing all of the property adjacent to the two corners and Eric Deckard accepted the Badger/BLA location of A11 in 2020 and used it to establish the Southwest

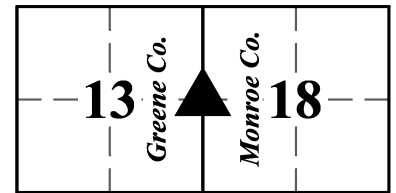
MONUMENT RECORD

Corner ID: InCr_A11

West 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



corner of the East half of the Northwest quarter of Section 18 (B11). We accepted the BLA rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 4.42 feet.
- Discrepancies in the Documents: 4.42 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Mag spike set over rebar at A11



Photo Orientation & Description: Looking south at A11 with Greene County corner visible in the foreground

FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/18

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

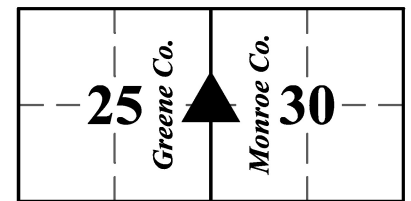
MONUMENT RECORD

Corner ID: InCr_A19

West 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

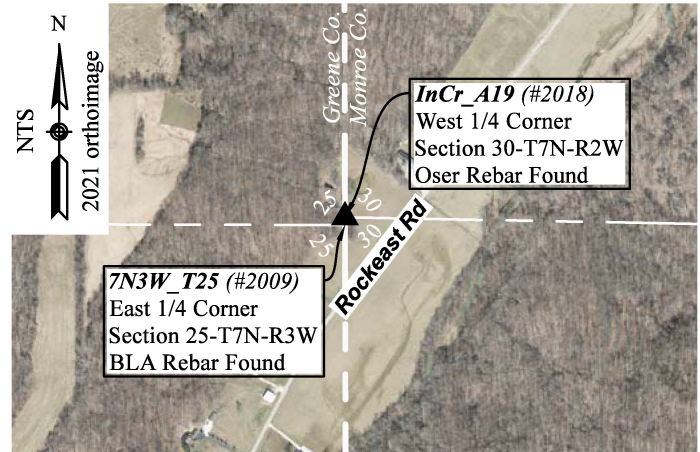
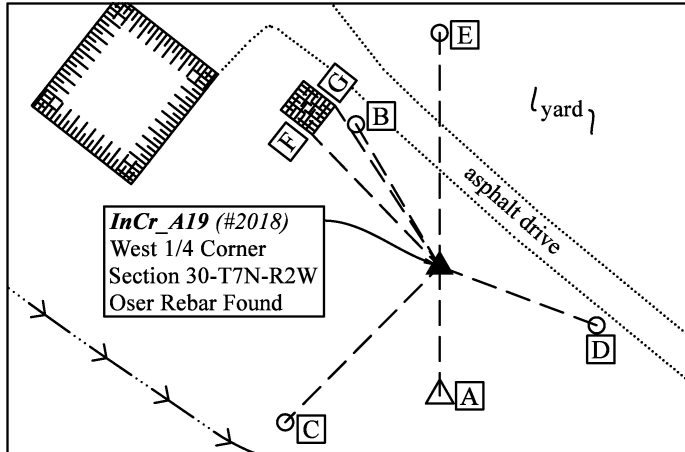
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with orange plastic cap stamped "OSER IN PS# 21100022" found flush

GEODETIC COORDINATES: Northing: 1372011.71, Easting: 3066727.31

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 0°7'17" E	38.67'	7N3W_T25 – East 1/4 Corner Section 25-7N-3W 3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found flush
B	N 30°25'10" W	49.47'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 6.4 feet southwest of the edge of asphalt of a 10.5' wide driveway
C	S 44°43'20" W	65.74'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 5.5 feet northeast of the top of bank of a small dry stream
D	S 69°29'16" E	50.27'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 4 feet southwest of the edge of asphalt of a 10.5' wide driveway
E	N 0° E	70.00'	Flag pole
F	N 44° W	54.9'	south corner metal shed
G	N 33° W	57.5'	east corner metal shed

Notes: Witness ties A through D were located with RTK. Distances to witness ties E through G were measured with a 100-foot steel tape. Bearings to witness ties E through G were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
The corner falls in a mowed yard. No survey marker sign was set.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The corner is 21 feet southwest of the edge of asphalt driveway leading to the house at 10154 W Rockeast Road.

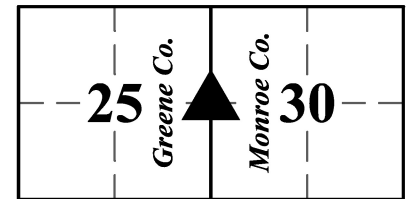
MONUMENT RECORD

Corner ID: InCr_A19

West 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 Corner of Section 30 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/11/2011	Badger, Matthew	I69 Section 4 Segment 6 Route Survey (<i>origin of BLA rebar at the East 1/4 Corner of Section 25-7N-3W</i>)	GCR 2011-0980
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat (<i>calculated at mid-point between Northwest and Southwest corners of Section 30</i>)	MCR 2020021994
03/01/2021	Oser, Rachel	Sturgeon Family Minor Subdivision (<i>origin of Oser rebar – set but not called out on plat</i>)	MCR 2021007101
04/08/2021	Deckard, Eric	Willoughby Minor Subdivision Plat Amendment One (<i>calculated mid-point between NW & SW corners of Sec. 30</i>)	MCR 2021011664
04/20/2021	Deckard, Eric	Wessel Type E Administrative Subdivision - Final Plat (<i>calculated mid-point between NW & SW corners of Sec. 30</i>)	MCR 2021011663

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 2020 and 2021, Eric Deckard calculated this corner at the midpoint between the Northwest and Southwest corners of Section 30. In 2021, Rachel Oser set the Oser rebar at the midpoint, but mistakenly noted the corner as calculated on her survey. We accepted the Oser rebar as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_A19

West 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

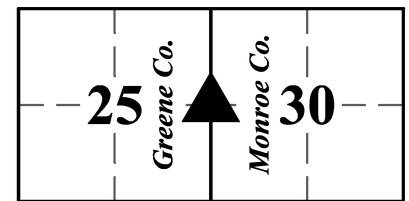


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo of the monument.

Photo Date: 04/22/2023



Photo Orientation & Description: Rebar at A19

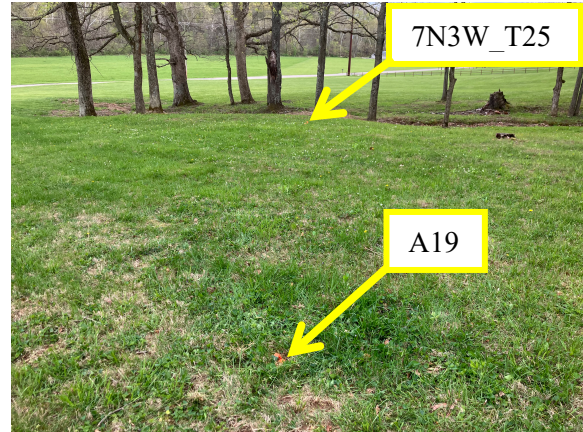


Photo Orientation & Description: Looking south at A19 with 7N3W_T25 visible in the background

FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/23

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

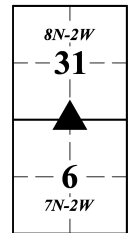
MONUMENT RECORD

Corner ID: InCr_C01

North 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

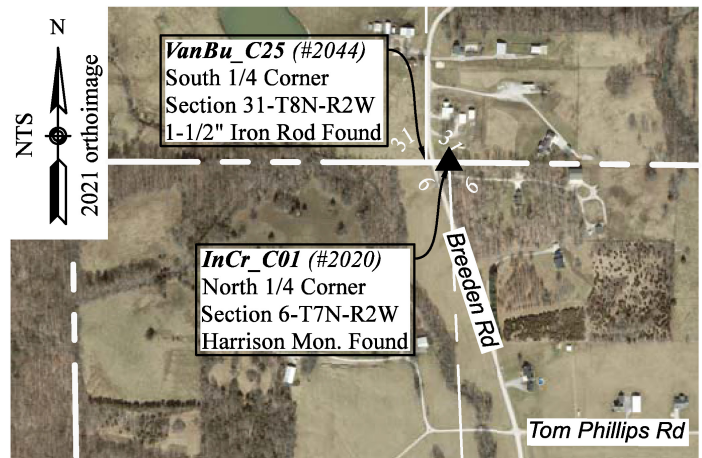
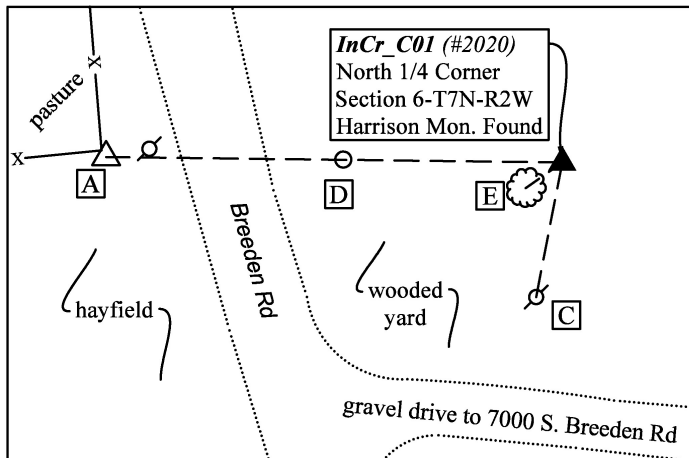


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top was found 3" above grade in an 8" concrete base.

GEODETIC COORDINATES: Northing: 1395743.83, Easting: 3068464.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 89°19'40" W	113.55'	VanBu_C25 – South 1/4 Corner of Section 31-T8N-R2W 1-1/2" drill steel found 1" below grade and 2 feet southwest of an 8" x 7" fiberglass "I" post with fence to the north and west. The steel rod is at the west toe of slope of Breeden Road
B	East	1.8'	Steel t-post with Monroe County SURVEY MARKER sign found facing west per the 2011 Monroe County Monument Record (not depicted on above sketch)
C	S 11° W	34.0'	Magnail found 4" above grade on the east side of 8" utility pole #231-2 UDWI 142201 per the 2011 Monument Record and BLA witness ties
D	N 89°14'30" W	54.50'	1/2" rebar with yellow plastic cap stamped "RAMSEY ..." found flush per the 2011 Monroe County Monument Record
E	S 55° W	11.1'	Magnail found 6" above grade on the north side of a 15" shagbark hickory per the 2011 BLA witness ties

Notes: Witness ties A and D were measured with RTK. Distances to witness ties B, C, and E were measured with a 100-foot steel tape. Bearings to witness ties C and E were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Steel t-post with Monroe County SURVEY MARKER sign was found in good condition. The sign is facing west 3.5 feet above grade at Witness Tie B.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is in line with a tree line to the east and is located on the north side of the gravel driveway leading to the house at 7000 S. Breeden Road.

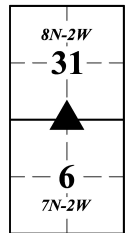
MONUMENT RECORD

Corner ID: InCr_C01

North 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY: This corner was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plats for Section 6-7N-2W (<i>depicts iron pin set</i>)	MCSO RSID004982
05/11/2011	Badger, Matthew	Exhibit -Cornwell Site in Sec.6-7N-2W (<i>calculated corner</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of Harrison</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted Harrison Monument</i>)	MCR 2011010190 GCR 2011-2897

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
Yes. The monument was approved by the Monroe County Surveyor Review Board on 8/09/2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

This corner was not set by the original government surveyor. An undated sketch on file in the Monroe County Surveyor's Office indicates that an iron pin was set at this corner. We focused our search area for the iron pin approximately 10 feet east of the Harrison Monument based on distances to other monuments depicted on the sketch, but we found no trace of it. The Harrison Monument was set in on June 28, 2011 by Matthew Badger of Bernardin Lochmueller & Associates at the proportionate distance west of the northeast corner of Section 6 as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. The monument was subsequently accepted by Perry Jones and the Monroe County Surveyor in 2011. We accepted the Harrison Monument as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 9.7 feet
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: Harrison Monument at C01



Photo Orientation & Description: Looking east at C01

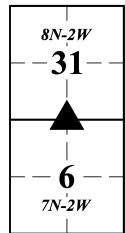
MONUMENT RECORD

Corner ID: InCr_C01

North 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 3/77

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Date of last revision: September 20, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

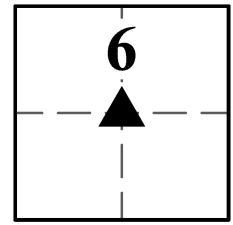
MONUMENT RECORD

Corner ID: InCr_C03

Center 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

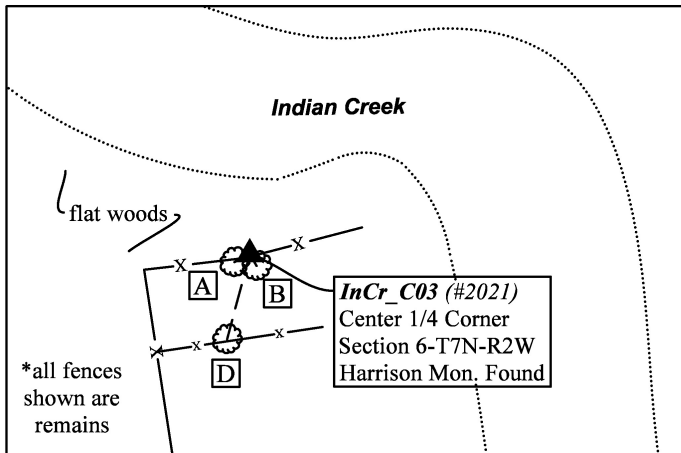


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" diameter cast iron Harrison Monument with a corroded top cast "QUARTER CORNER" was found 5" above grade in an 8" concrete base. The monument is 1 foot north of east/west fence remains.

GEODETIC COORDINATES: Northing: 1393102.73, Easting: 3068580.79

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 63° W	4.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the southeast side of a 9" dbh walnut in line with east/west fence.
B	S 56° E	2.5'	Found mag nail in hack 4.6 feet above grade on the north side of a 10" hackberry in east/west fence remains
C	S 55°32'36" W	1.67'	Steel t-post found in east/west fence remains with a Monroe County SURVEY MARKER sign attached 4-feet above grade facing north. (Not depicted above.)
D	S 15° W	22.0'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the northwest side of a 5" dbh buckeye that splits into a double at 3.4 feet tall. Diameter measured at 3 feet.
E	S 30°15'15" E	3.39'	Maghub found flush. (Not depicted above.)

Notes: Distances to witness ties A, B, and D were measured to the nail with a 100-foot steel tape. Bearings to witness ties A, B, and D were measured to the center of the tree with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Witness ties C and E were located with RTK. Witness tie D from the 2011 Monument Record was not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found at Witness Tie C in an east/west fence with a Monroe County SURVEY MARKER sign attached 4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is 14 feet south of the south bank and 50 feet west of the west bank of Indian Creek, approximately 1-foot north of east/west wire fence remains, 21 feet north of other east/west fence remains, and approximately 27 feet east of wire fence remains heading south. The monument appears to be on the north side of an old east/west road bed, but the road is difficult to discern due to frequent flooding in the area. There is a path across the creek from the house at 7211 S Breedon Road. The monument was found buried under significant flood debris, including a large log that had to

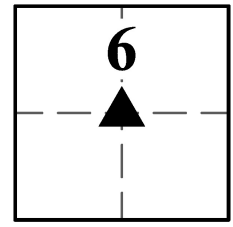
MONUMENT RECORD

Corner ID: InCr_C03

Center 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



be cut off with a chainsaw. We recommend future surveyors come prepared to cut logs and remove flood debris to access this corner, which will eventually be lost to the movement of Indian Creek.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The center of Section 6 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
05/11/2011	Badger, Matthew	Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of Harrison Monument</i>)	MCR 2011008104

PREVIOUS CERTIFICATION

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

Yes. The monument was approved by the Monroe County Surveyor Review Board on July 5, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The Harrison Monument was set in on June 28, 2011 by Matthew Badger of Bernardin Lochmueller & Associates at the intersection of opposite quarter corners as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. We accepted the Harrison Monument as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 27 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Harrison at C03



Photo Orientation & Description: Looking west at C03

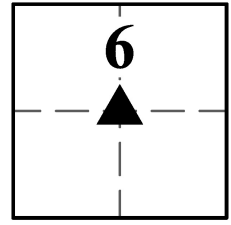
MONUMENT RECORD

Corner ID: InCr_C03

Center 1/4 Corner

Section 06 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023-04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7, pgs 2-3

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

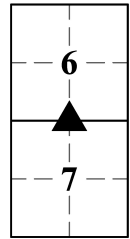
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_C05

Quarter Corner

Sections 06 & 07- T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

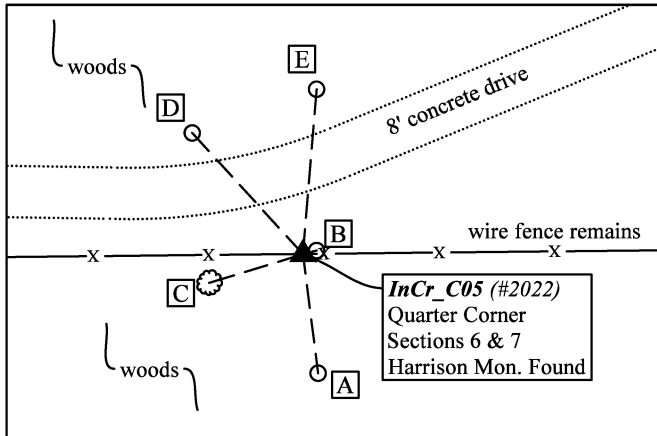


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top was found 3" above grade in an 8" concrete base in line with east/west barbed wire fence remains.

GEODETIC COORDINATES: Northing: 1390437.46, Easting: 3068698.34

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 7°15'49" E	18.69'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
B	N 75° E	2.2'	Monroe County SURVEY MARKER sign found 3-feet above grade on the north side of a steel u-post in east/west fence remains
C	S 73° W	15.3'	Magnail found 3" above grade on the south side of an 8" redbud
D	N 42°26'44" W	25.60'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 4.75 feet north of the north edge of a concrete driveway.
E	N 4°43'7" E	25.79'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush 6.1 feet north of the north edge of a concrete driveway.

Notes: Distances to witness ties B and C were measured with a 100-foot steel tape. Bearings to witness ties B and C were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Witness ties A, D, and E were located with RTK. Witness tie D from the 2005/2011 Monroe County Monument Record was not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set S 16° E 1.25 feet from the monument with a Monroe County SURVEY MARKER sign attached 3.7 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is 9.5 feet south of the south edge of the 8-foot-wide concrete driveway to 7484 S Breedon Road.

PERPETUATION RECORD

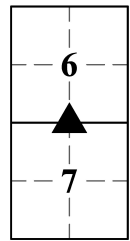
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_C05

Quarter Corner

Sections 06 & 07- T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P291

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	18"	S 18° E	7 links (4.6 feet)
Sugar	10"	West	20 links (13.2 feet)

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: LSB2, page 131

Original monument: 1/2 mile stake

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	12"	N 61° E	17.75 links (11.7 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
08/14/1890	Buskirk, M.	Legal Survey in Section 6 (<i>not described or witnessed</i>)	MCSO LSB2, pg 492
05/11/2011	Badger, Matthew	Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of Harrison Monument</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted Harrison Monument</i>)	MCR 2011010190 GCR 2011-2897
11/14/2021	Deckard, Eric	Breeden Road Minor Subd. in Sec.7 (<i>accepted Harrison</i>)	MCR 2022001569

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 8, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The Harrison Monument was set in on June 28, 2011 by Matthew Badger of Bernardin Lochmueller & Associates per a modified single-proportion method based on original survey distances as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. A similar proportion calculated based on the 1866 legal survey distances results in a location within 0.5 feet of the Badger proportion. We accepted the Harrison Monument as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Harrison at C05



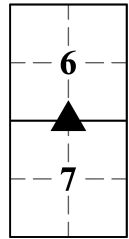
Photo Orientation & Description: Looking south at C05

MONUMENT RECORD

Corner ID: InCr_C05

Quarter Corner

Sections 06 & 07- T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/4

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

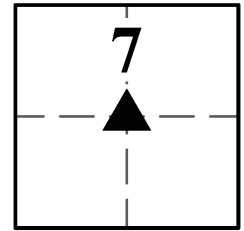
MONUMENT RECORD

Corner ID: InCr_C07

Center 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

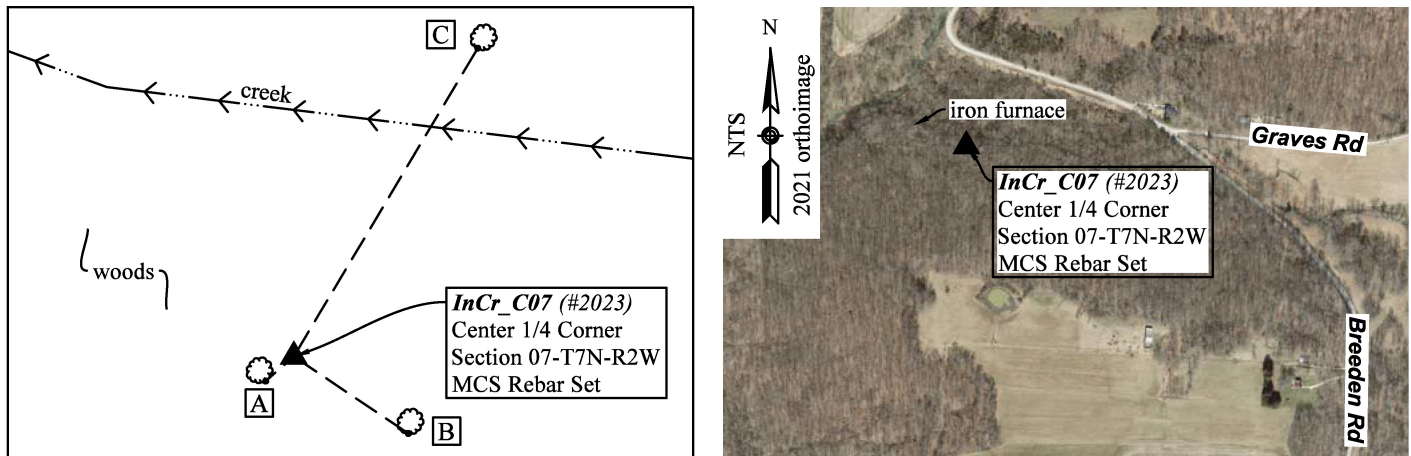
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with a 2" aluminum cap stamped "OSER 21100022 MONROE COUNTY SURVEYOR" set 4" above grade.

GEODETIC COORDINATES: Northing: 1387792.18, Easting: 3068706.42

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 48°54'43" W	5.58'	2" mag nail and 1-1/2" orange plastic disc set flush in the southeast root flair of a 20" beech
B	S 56°10'21" E	20.68'	2" mag nail and 1-1/2" orange plastic disc set 7" above grade in the south root flair of a 28" beech
C	N 30°51'33" E	53.75'	2" mag nail and 1-1/2" orange plastic disc set 14" above grade in the southsouthwest root flair of a 26" sycamore

Notes: Witness ties were located with RTK. All bearings and distances are to the nail, not to the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.4 feet southeast of the corner with a Monroe County SURVEY MARKER sign attached 3.8 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the 90° turn of Breeden Road, follow the path south to the old iron furnace for approximately 500 feet. The corner is approximately 285 feet east of the old iron furnace, on a very steep wooded slope on the south side of a creek. No evidence of possession was observed in the area.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The center of Section 7 was not established by the original government surveyor.

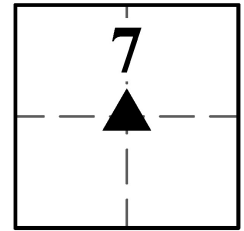
MONUMENT RECORD

Corner ID: InCr_C07

Center 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: MCSO LSB2, pg 131

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sycamore	3"	S 64° E	19 links (12.5 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (calculated at intersection of opposite quarter corners)	MCRO 2011008104

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy? No modern record was found of a monument at this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W. Alexander established this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131. No trace was found of a stone or the bearing tree. The corner falls on a creek bank littered with rocks. The surrounding property is under common ownership and no evidence of possession observed in the vicinity. In 2011, Matthew Badger calculated this corner at the intersection of opposite quarter corners. We established the corner at the intersection of the quarter corners north and south with the projection of the line from the monument at the West 1/4 corner (A07) through the Dorman pipe found at the Center-West 1/16 corner (B07). The West 1/4 corner and the Center-West 1/16 corner were both established by W.Alexander in 1866 per the same legal survey that established this corner, and we believe that they provide the best evidence of the east/west center of section line established by Alexander. The corner thus established is 19 feet south of the intersection of opposite quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument established in 1866, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 19 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/24/2023



Photo Orientation & Description: Rebar at C07



Photo Orientation & Description: Looking southwest at C07

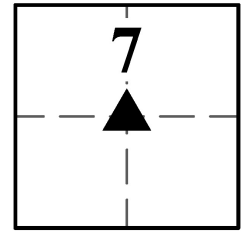
MONUMENT RECORD

Corner ID: InCr_C07

Center 1/4 Corner

Section 07 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL: Field Date: 04/19/2023 and 04/24/2023 By: Rachel Oser and Phillip Oser
Project #: OSM #10246 Field Book: OSM 7/5 and 7/25

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.
The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:



Seal:

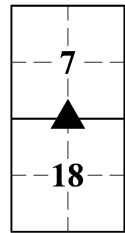
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_C09

Quarter Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

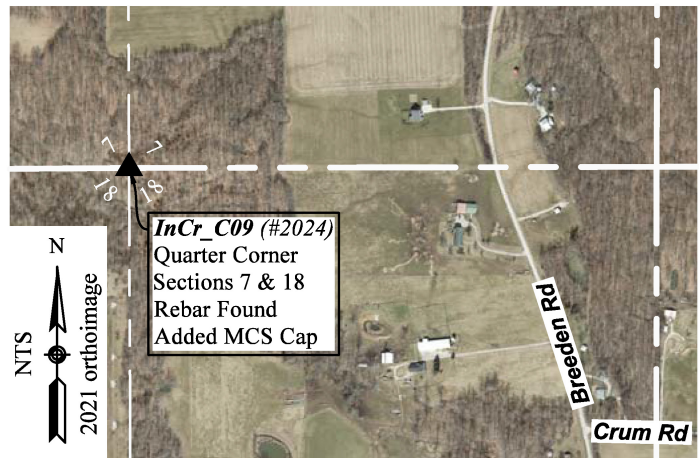
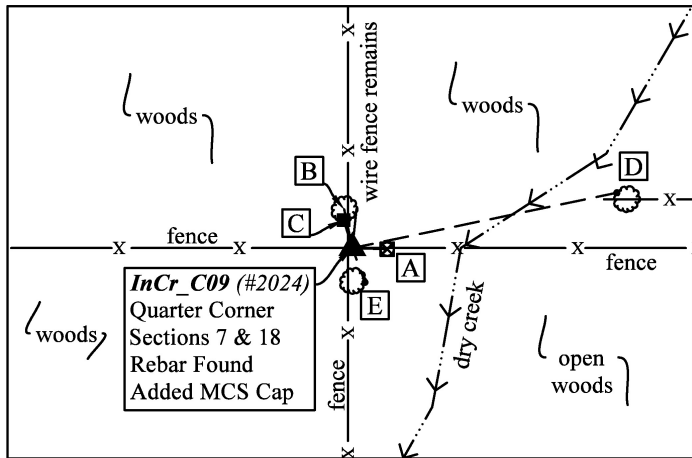


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

2" aluminum cap stamped "MONROE COUNTY SURVEYOR" added to a 5/8" rebar found 2" above grade. The rebar is 0.65 feet east of a 7" wood corner post and flanked on the north by 2-inch pump rod projecting 1.8 feet above grade.

GEODETIC COORDINATES: Northing: 1385191.14, Easting: 3068714.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image.



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 88° E	5.2'	Mag nail found 5" above grade on the south side of a 6" wood post
B	N 12° W (to tree center)	5.9' (to east side)	East side of 12" hickory in north/south fence remains with a Monroe County SURVEY MARKER sign found 5 feet above grade on the southeast side
C	N 17° W	4.3'	7" x 6" stone with no marks found 8" above grade in line with other laid rocks to the north (located with RTK)
D	N 78°12'8" E	40.4'	Magnetic signal found 9" above grade on the northwest side of a 24" sycamore with east/west barbed wire fence remains (located with RTK - bearing and distance to signal- not tree center)
E	S 20°15'12" E	5.45'	2" mag nail and 1-1/2" orange plastic disc set in the east root of a 24" white oak (located with RTK - bearing and distance to nail- not tree center)

Notes: Bearings to witness ties A and B were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.25 feet north of the rebar with a Monroe County SURVEY MARKER sign attached 4 feet above grade. The aluminum Monroe County Surveyor cap was added to the rebar, which was found uncapped.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

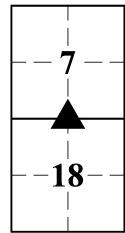
The rebar is on the east side of a 4-way fence intersection on a gradual wooded slope above a small dry creek approximately 1700 feet west of the house at 7978 S Breden Road.

MONUMENT RECORD

Corner ID: InCr_C09

Quarter Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P291

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	N 41° W	14 links
Beech	14"	S 60° E	17 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: Alexander, W.S.

Where filed or recorded: LSB2, page 131

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	12"	S 31° W	30 links (19.8 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/09/1972	Dorman, Henry	Survey of McDonald Place Tracts in Section 7-7N-2W (<i>no monument shown – corner depicted at fence intersection</i>)	MCSO RSID001734
03/19/1978	Farkas, Edmund	23.58-acre survey in Section 18 (<i>iron rebar found</i>)	MCSO RSID001934
01/08/2009	Tapp, Philip	Breeden Road Admin. Subd. in Section 7 (<i>accepted 1/2" rod found 0.2' above grade per adjacent deed and noted a 6"x6" stone four feet north</i>)	MCR 2009002667
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>accepted 5/8" rebar</i>)	MCR 2011005764 GCR 2011-2902
03/11/2011	Badger, Matthew	I69 Section 4 Segment 6 Route Survey (<i>accepted rebar</i>)	GCR 2011-0980
06/21/2011	Badger, Matthew	Cornwell site in Sec. 6 & 7-7N-2W (<i>accepted 5/8" rebar</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted 5/8" rebar</i>)	MCR 2011010190 GCR 2011-2897
11/19/2012	Deckard, Eric	Grubb Type "E" (<i>5/8" rebar found 2" above grade</i>)	MCR 2012021294
06/11/2020	Deckard, Eric	Grubb Type "E" (<i>accepted 5/8" rebar</i>)	MCR 2022011812
11/14/2021	Deckard, Eric	Breeden Road Minor in Section 7 (<i>accepted 5/8" rebar</i>)	MCR 2022001569

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W. S. Alexander established this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131, but did not specifically describe the monument. In 1978, Edmund Farkas found the rebar, the origin of which is unknown. In 2009, Philip Tapp found the stone at Witness C and noted that it was likely the historical monument. However, Mr. Tapp accepted the found rebar as the corner because it was specially called for in the adjacent deed. The rebar has been accepted on all subsequent surveys, including surveys of all of the adjacent properties. We held the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 4.3 feet.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_C09

Quarter Corner

Sections 07 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

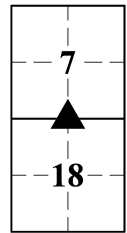


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Rebar at C09



Photo Orientation & Description: Looking north at C09

FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/13

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Date of last revision: September 20, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

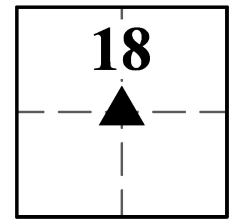
MONUMENT RECORD

Corner ID: InCr_C11

Center 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

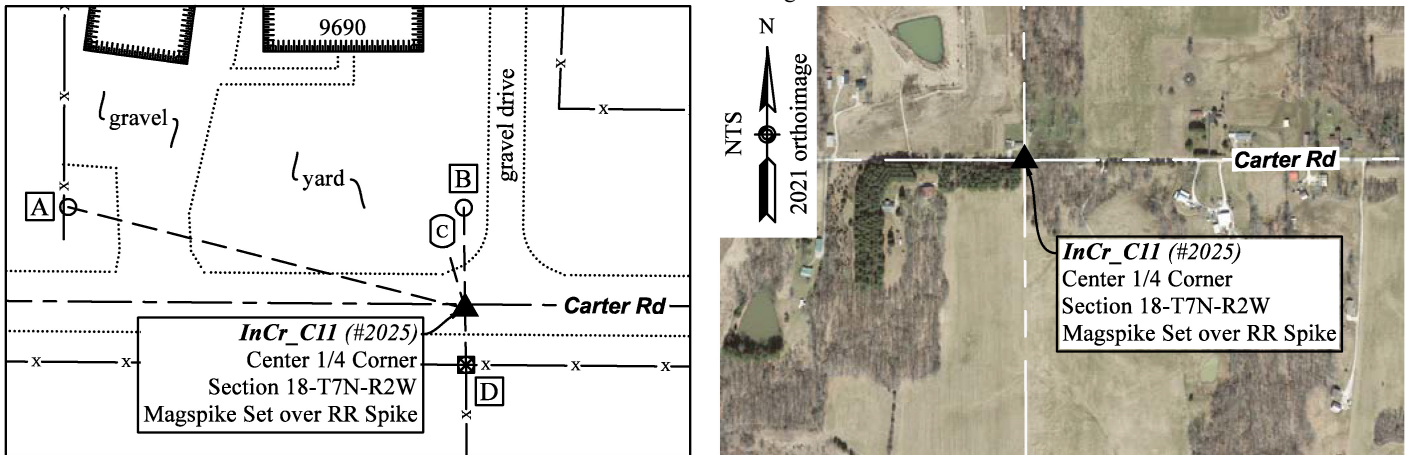


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4-1/2" long magspike in 2" diameter aluminum disc stamped "OSER IN PS#21100022" set slightly recessed over railroad spike found 7" below grade.

GEODETIC COORDINATES: Northing: 1382548.45, Easting: 3068726.33

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 75°41'32" W	102.48'	5/8" rebar with blue plastic DECKARD cap found 1" below grade on the east side of north/south wire fence
B	N 0°38'40" W	25.16'	5/8" rebar with yellow plastic DECKARD cap found 1" below grade on the west side of a gravel drive
C	N 16° W	20.1'	Northwest corner of phone riser
D	S 1° E	14.6'	PK nail found 1.6 feet above grade on the east side of a 6" x 8" railroad tie fence post with fence east, west, and south
E	N 0°51'39" W	178.34'	5/8" rebar with no cap found 9" above grade (not depicted on above sketch)

Notes: Witness ties were located with RTK. Witness ties B and C from the 1997 Monument Record were not found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post with a yellow Monroe County "SURVEY MARKER" sign attached 4 feet above grade was set on the north side of the railroad tie post at Witness D. The post is 13.6 feet south of the monument.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is 1 foot south of the centerline of Carter Road (a public, 15-foot wide asphalt road) and in line with fence to the south.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY: The center corner was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

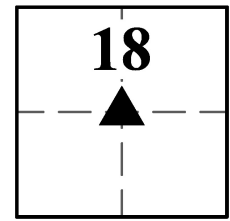
MONUMENT RECORD

Corner ID: InCr_C11

Center 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/28/1992	Ramsey, Stephen	Grubb survey in Sec. 18 (<i>found railroad spike</i>)	MCR 00300629
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13-7N-3W (<i>found railroad spike</i>)	MCR 2011005764 GCR 2011-2902
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>found railroad spike</i>)	MCR 2011010190 GCR 2011-2897
11/19/2012	Deckard, Eric	Grubb Type "E" Admin. Subd. in Sec. 18 (<i>railroad spike</i>)	MCR 2012021294
06/11/2020	Deckard, Eric	Grubb Type "E" Admin. Subd. (<i>railroad spike</i>)	MCR 2022011812

PREVIOUS CERTIFICATION

Is this this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 17, 1997.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the railroad spike is unknown. It was accepted by Steve Ramsey in 1992, Monroe County Surveyor Kevin Enright in 1997, and has consistently been accepted on subsequent surveys of record. We accepted the railroad spike as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 1 foot.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/20/2023



Photo Orientation & Description: Looking south at C11



Photo Orientation & Description: Looking north at C11

FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/15

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected

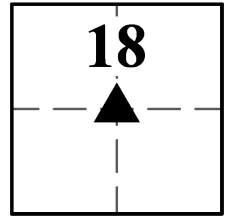
MONUMENT RECORD

Corner ID: InCr_C11

Center 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

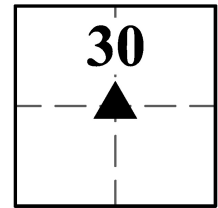
MONUMENT RECORD

Corner ID: InCr_C19

Center 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

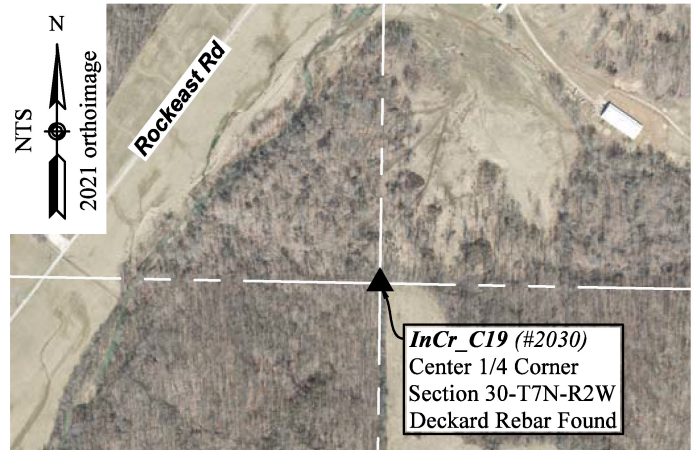
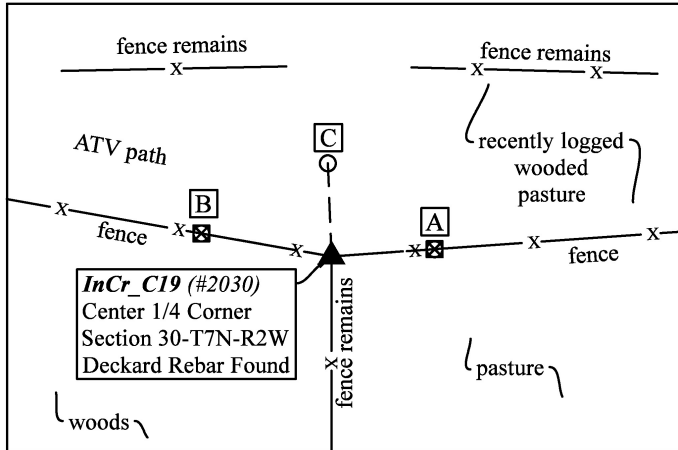


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with blue plastic cap stamped "DECKARD FIRM #0129" found 5" above grade on the south side of a new 7" diameter wooden fence post with new woven wire fence east and west and old barbed wire fence remains in poor condition to the south.

GEODETIC COORDINATES: Northing: 1371974.80, Easting: 3068719.01

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 86° E	10.4'	2" mag nail set 6" above grade on the south side of an 8" wooden gate post
B	N 80° W	13.3'	2" mag nail set 7" above grade on the south side of a 5.5" wooden post
C	N 2°16'49" W	9.36'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush in the ATV path that runs along the interior of the perimeter fence

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Witness tie C was located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.35 feet west of the rebar with a Monroe County SURVEY MARKER sign attached 3.8 feet above grade facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is in a fence intersection on the south side of a perimeter ATV path and 19.2 feet southerly of east/west wire fence remains.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY: The center corner was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY: No legal survey records were found pertaining to this corner.

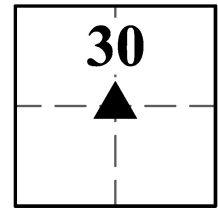
MONUMENT RECORD

Corner ID: InCr_C19

Center 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat (<i>origin of Deckard rebar</i>)	MCR 2020021994
04/08/2021	Deckard, Eric	Willoughby Minor Subd. Plat Amend. 1 (<i>accepted rebar</i>)	MCR 2021011664

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Eric Deckard set the rebar in 2020 at the intersection of opposite quarter corners, which fell 19.2 feet southerly of an east/west/south fence intersection. We accepted the rebar as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 19.2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Deckard rebar at C19



Photo Orientation & Description: Looking west at C19

FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/22

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

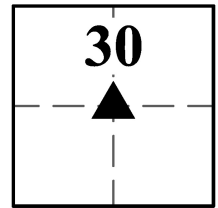
MONUMENT RECORD

Corner ID: InCr_C19

Center 1/4 Corner

Section 30 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

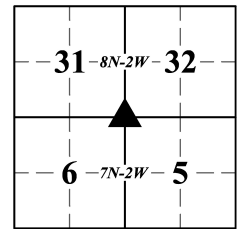
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E01

Section Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

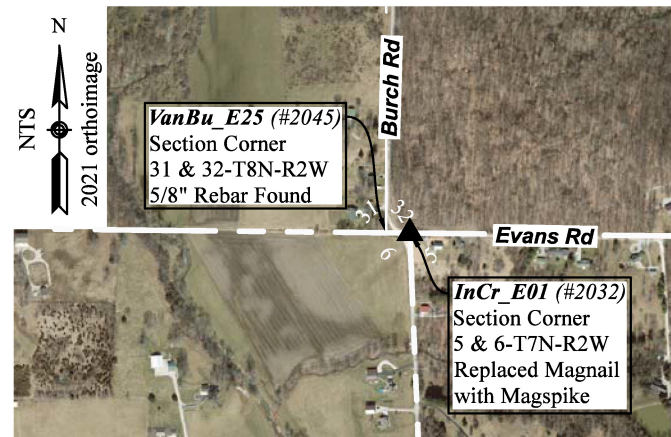
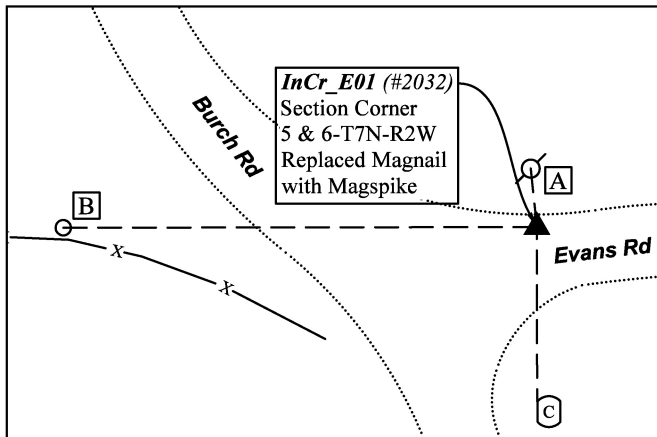


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" set 0.3 feet below grade to replace a 1-1/2" magnail found.

GEODETIC COORDINATES: Northing: 1395714.87, Easting: 3071113.42

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 6° W	15.3'	Monroe County SURVEY MARKER sign found 2 feet above grade on the south side of a 10" cut-off utility pole
B	S 89°54'55" W	123.16'	VanBu_E25 – Section Corner common to Sections 31 & 32-T8N-R2W 5/8" rebar with no cap found flush 4.2 feet north of a east/west fence remains
C	S 0° E	45.2'	Northwest corner of phone riser

Notes: Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County SURVEY MARKER sign was fund 2 feet above grade on the south side of Witness A.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The magspike is 4.5 feet south of the north edge of asphalt of Evans Road.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P290

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	12"	S 52° E	10 links
Sugar	8"	N 20° E	23 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

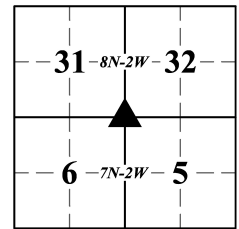
No legal survey records were found pertaining to this corner.

MONUMENT RECORD

Corner ID: InCr_E01

Section Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 6-7N-2W (<i>depicts IP</i>)	MCSO RSID004982
08/31/1976	Graham, Raymond	Clyde Kelly survey (<i>distances match RSID004982</i>)	MCSO RSID001724
11/08/2007	Tapp, Philip	Boundary survey for Langley (<i>origin of mag nail</i>)	MCR 2007022637
12/16/2008	Tapp, Philip	Burch Road Minor subd. Final Plat. (<i>accepted mag nail</i>)	MCR 2008020406
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>calculated 1.11' south and 0.04' east of mag nail</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>calculated 1.11' south and 0.04' east of mag nail</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>calculated 1.11' south and 0.04' east of mag nail</i>)	MCR 2011010190 GCR 2011-2897

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011 and November 21, 2017.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The magnail was set by Philip Tapp in 2007 based on ties to several pk nails found per record documents. In 2011, Matthew Badger held the magnail as a witness to the closing corner. The closing corner should fall on the senior township line, which falls 1.1 feet north of the magnail. Badger chose not to monument his calculated location to avoid confusion. The magnail was then accepted by the Surveyor Review Board in 2011 and 2017. We accepted the magnail as the corner by common report and we replaced it with a 4-1/2" long magspike.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 1.11 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: Magspike at E01



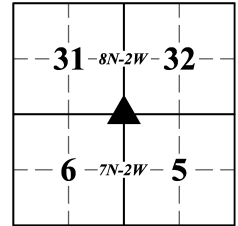
Photo Orientation & Description: Looking north at E01

MONUMENT RECORD

Corner ID: InCr_E01

Section Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM # 3/78

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:



Seal:

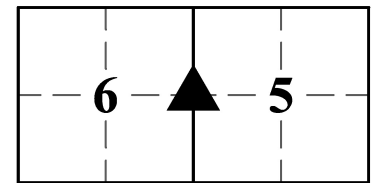
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E03

Quarter Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

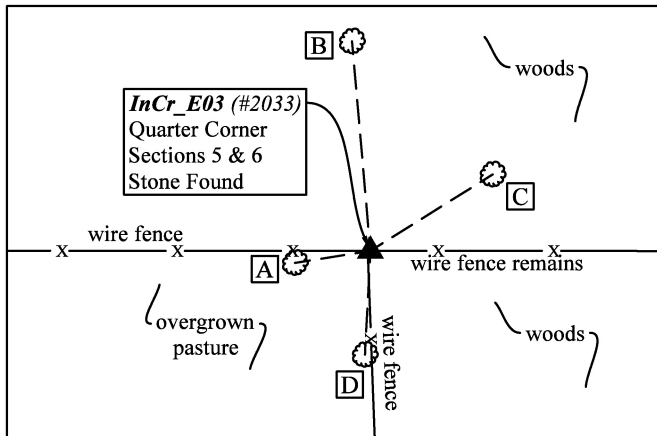


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

2" x 5" stone with no markings found 5" above grade on the east side of a rotten corner post with fence to the west, east, and south

GEODETIC COORDINATES: Northing: 1393105.02, Easting: 3071218.88

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 81° W	11.9'	magnail and shiner stamped "Monroe Co. Surveyor" found 11" above grade on the east side an 8" maple
B	N 5° W	32.8'	magnail found 9" above grade in the SE root flair of a 32" tulip poplar
C	N 58° E	22.5'	magnail found 10" above grade on the southwest side of a 10" hickory with fence remains
D	S 03° W	16.2'	magnail found mostly grown over 8" above grade on the east side of a 7" maple with a MCSO sign found 5 feet above grade facing south

Notes: Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Distances are ground and were measured with a 100' steel tape from the monument to the mag nail. Bearings were verified with a 2° compass adjusted for declination.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was found 0.5 feet east of the stone. A Monroe County Surveyor Marker sign was found attached to the west side of the post 2.9 feet above grade and facing the stone.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the southwest corner of the house at 7032 S Burch Road, walk NNW down an old logging road that wraps around to the southwest, across a small creek and to the corner, which is at the NE corner of an overgrown pasture. There is a hollow old 12" wooden post on the west side of the stone, only approximately 2 feet of which remains above grade. Wire fence in poor condition runs south and west from the corner post and wire fence remains run east. There is a Monroe County Survey Marker sign 5 feet above grade on the NW side of the 7" maple tree noted above as witness monument D.

PERPETUATION RECORD

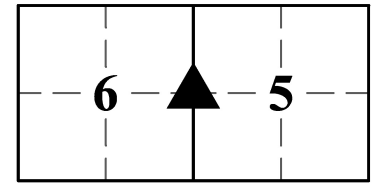
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E03

Quarter Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P290

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	30"	S 89° E	25 links (16.5 feet)
Dogwood	4"	N 63° W	13 links (8.6 feet)

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 08/14/1890 By: Buskirk, M.

Where filed or recorded: LSB2, pgs 492-493

Original monument: Not described, presumed stone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	18"	N 45° W	18.5 links (12.2 feet)
Sugar	20"	N 13° E	25.5 links (16.8 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 6-7N-2W (<i>depicts IP</i>)	MCSO RSID004982
03/23/2001	Curry, Douglas	Pate boundary survey in Section 5 (<i>no monument found</i>)	MCR 2001009966
09/10/2001	Utt, Lee	Survey of 2 tracts in Section 5 (<i>no monument depicted</i>)	MCR 2001023846
04/19/2004	Utt, Lee	Douglas Dixon Sr. Admin. Subd. Type "E" (<i>found stone</i>)	MCSO RSID001691
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>stone</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Survey of Cornwell site in Sec. 6 & 7-7N-2W (<i>stone</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>found stone</i>)	MCR 2011010190 GCR 2011-2897
01/04/2012	Deckard, Eric	John Haskett Boundary survey (<i>found stone</i>)	MCSO RSID001719

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on November 21, 2017.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor M. Buskirk established this corner in 1890 per the legal survey filed in Legal Survey Book 2, page 492, but did not specifically describe the monument. The stone first appeared in the modern survey record in 2004 and has been accepted on all subsequent surveys of record. We accepted the stone as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/18/2023



Photo Orientation & Description: Stone at E03



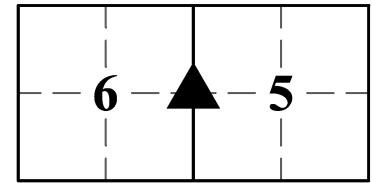
Photo Orientation & Description: Looking south at E03

MONUMENT RECORD

Corner ID: InCr_E03

Quarter Corner

Sections 05 & 06 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/18/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 3/79

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

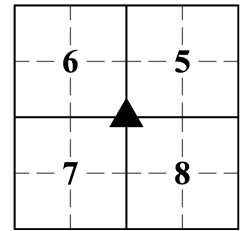
MONUMENT RECORD

Corner ID: InCr_E05

Section Corner

Sections 05, 06, 07 & 08 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

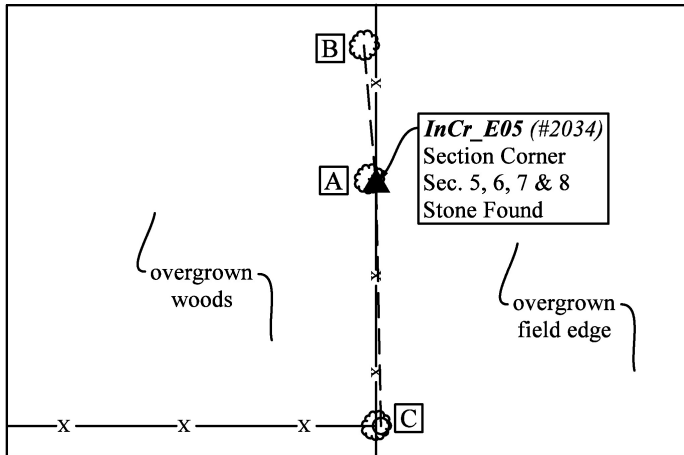


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

0.6'x 0.3' stone with faint "+" found 0.3 feet above grade in line with north/south fence. The stone is protected by a large rock (0.6' x 0.6' x 0.8' tall) on its east side.

GEODETIC COORDINATES: Northing: 1390463.50, Easting: 3071322.70

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 54° W	2.2'	Magnail in Monroe Co. Surveyor shiner found 1.3 feet above grade on the southeast side of a 24.5" maple with a Monroe County SURVEY MARKER sign found 4 feet above grade on its west side
B	N 5° W	34.7'	Magnail in Monroe Co. Surveyor shiner found 0.9 feet above grade on the south side of a 19" maple
C	S 1°10'51" E	60.15'	3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found 2" above grade on the east side of a tree fence corner

Notes: Distances to witness ties A and B were measured with a 100-foot steel tape. Bearings to witness ties A and B were collected with the internal magnetic compass of the Javad Triumph LS and verified with a 2° compass adjusted for declination. Witness Tie C was located with RTK. Witness ties C and D from the 2017 Record were gone in 2023.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.4 feet west of the stone with a Monroe County SURVEY MARKER sign attached 3.9 feet above grade facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the 90° on Burch Road, walk west along a field edge for approximately 950 feet to a north/south fence line. Then walk south along the fenceline for approximately 600 feet to the stone.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

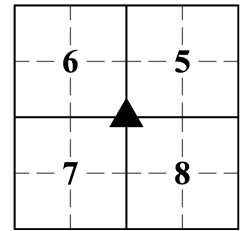
MONUMENT RECORD

Corner ID: InCr_E05

Section Corner

Sections 05, 06, 07 & 08 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	12"	S 2° W	8 links
Beech	20"	N 64° W	24 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1866 By: W.S. Alexander

Where filed or recorded: LSB2, pg 131

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None noted			

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
05/28/1997	Graham, Raymond	91.64 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001740
09/18/2000	Graham, Raymond	5.96 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001733
09/10/2001	Utt, Lee	Survey of 2 tracts in Section 5 (<i>not described</i>)	MCR 2001023846
04/19/2004	Utt, Lee	Douglas Dixon Type "E" in Section 5 (<i>stone</i>)	MCSO RSID001691
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W (<i>stone</i>)	MCSO RSID001727
06/21/2011	Badger, Matthew	Cornwell Site Boundary in Sec. 6 & 7-7N-2W (<i>stone</i>)	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>stone</i>)	MCR 2011010190 GCR 2011-2897
01/04/2012	Deckard, Eric	John Haskett Boundary survey in Section 5 (<i>stone</i>)	MCSO RSID001719

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on November 21, 2017.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor W.S.Alexander established this corner in 1866 per the legal survey filed in Legal Survey Book 2, page 131, but did not describe the monument. The stone first appeared in the modern survey record in 1997 and has been accepted on all subsequent surveys of record. We accepted the stone as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument.

Photo Date: 04/20/2023



Photo Orientation & Description: Stone at E05



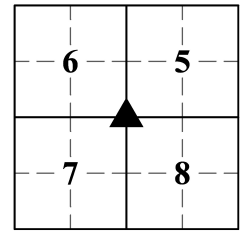
Photo Orientation & Description: Looking south at E05

MONUMENT RECORD

Corner ID: InCr_E05

Section Corner

Sections 05, 06, 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/20/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/16

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Date of last revision: September 20, 2023
Signature:



Seal:

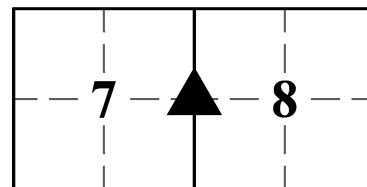
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E07

Quarter Corner

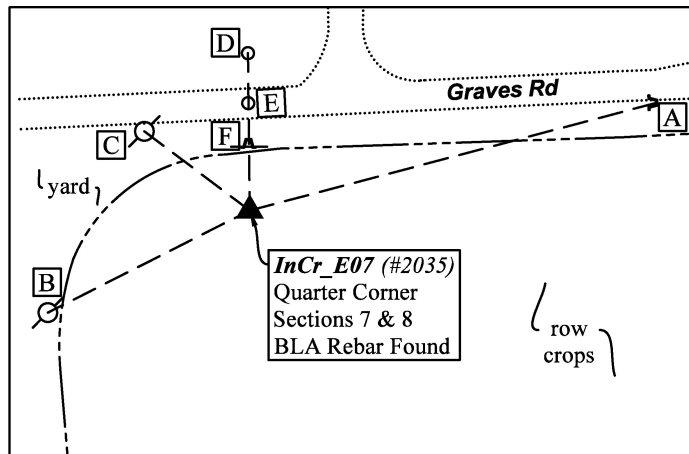
Sections 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
3/4" rebar with plastic cap stamped "BLA FIRM 0030" found 6" below grade in a field of row crops.

GEODETIC COORDINATES: Northing: 1387830.68, Easting: 3071350.70

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 75° E	210.4'	1-1/2" orange plastic hub disc stamped "SURVEY MARKER" bolted 3.5 feet above grade on the west side of a steel upost with a reflective sign. The upost is 12" south of the south edge of asphalt and marks a culvert
B	S 63° W	112.8'	Mag nail found 2.4 feet above grade on the north side of 9" utility pole "UDWI 142002"
C	N 53° W	65.8'	Mag nail found 10" above grade on the north side of 9" utility pole "UDWI 142001"
D	N 0°37'46" W	78.56'	5/8" rebar with orange plastic cap stamped "GRAHAM PC 9800014" found flush at the south base of a t-post with a Monroe County SURVEY MARKER sign attached 4 feet above grade
E	N 0°47'14" W	53.59'	Small mag nail found slightly recessed in the centerline of Graves Road
F	N 1° W	35.8'	5-foot steel t-post set in an east/west fenceline on the south side of Graves Road. A Monroe County SURVEY MARKER" sign was attached facing south 3.75 feet above grade.

Notes: Witness ties were located with RTK. Bearings and distances are to the nail, not the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A 5-foot steel t-post was set in an east/west fenceline on the south side of Graves Road. A Monroe County SURVEY MARKER" sign was attached facing south 3.75 feet above grade.

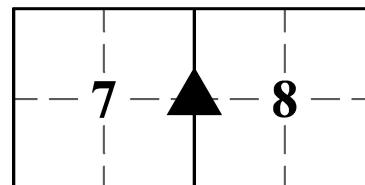
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The rebar is in a field of row crops on the east side of the house at 8995 W Graves Road.

MONUMENT RECORD

Corner ID: InCr_E07

Quarter Corner

Sections 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	5"	N 84° E	16 links
Sugar	10"	N 18° E	24 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/18/2000	Graham, Raymond	5.96 acre survey in Section 7 (<i>pk nail set 7.74 feet north</i>)	MCSO RSID001733
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>origin of 3/4" rebar with plastic cap stamped "BLA FIRM 0030"</i>)	MCRO 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted BLA rebar</i>)	MCRO 2011010190 GCRO 2011-2897
09/25/2014	Deckard, Eric	Keller Burch Type "A" Admin. Subd. (<i>accepted rebar</i>)	MCRO 2014013187
10/26/2015	Ballard, Dustin K.	Monroe Co. Bridge #909 Location Route control survey (<i>accepted BLA rebar</i>)	MCRO 2015015451

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on August 9, 2011.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor set a wooden post at this corner in 1815. No trace was found of the post or its accessories. The post was set equidistant between the northeast corner of Section 7 (currently monumented by a stone) and the southeast corner of Section 7 (currently monumented by an iron pin that perpetuates the location of a stone). In 2000, Raymond Graham calculated a position for this corner that was 7.74 feet south of the centerline of Graves Road, which is 45.9 feet north of the mathematical split between the northeast and southeast corners of Section 7. The methodology employed by Graham to calculate this corner is unknown and we found no evidence of reliance on Graham's calculated position by other surveyors or by the public. In 2011, Matthew Badger monumented the corner at the midpoint between the northeast and southeast corners of the section. The Badger rebar has been accepted on all subsequent surveys and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 53.6 feet.
- Discrepancies in the Documents: 45.9 feet
- Inconsistencies in the lines of Occupation: 53.6 feet
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_E07

Quarter Corner

Sections 07 & 08 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

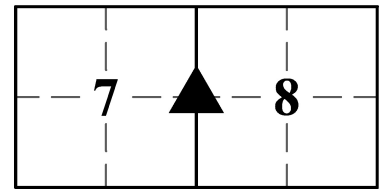


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Rebar at E07



Photo Orientation & Description: Rebar at E07



Photo Orientation & Description: Looking west at E07



Photo Orientation & Description: Standing at E07 (not pictured) looking north at Survey Marker sign

FIELD PERSONNEL: Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #:OSM #10246 Field Book: 7/12

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

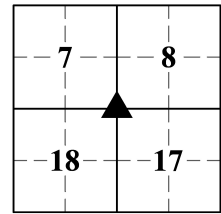
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

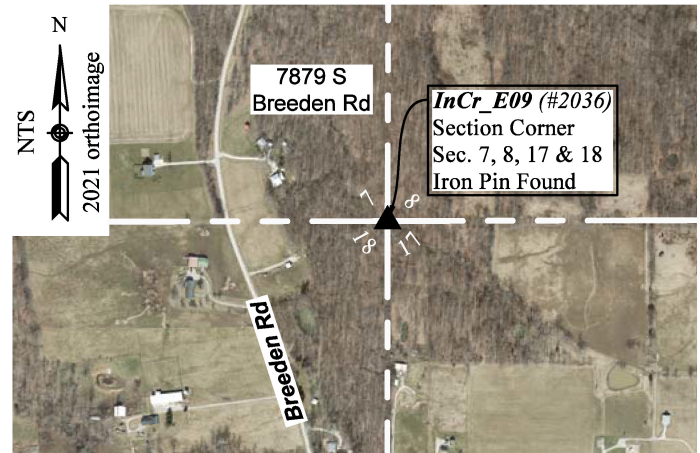
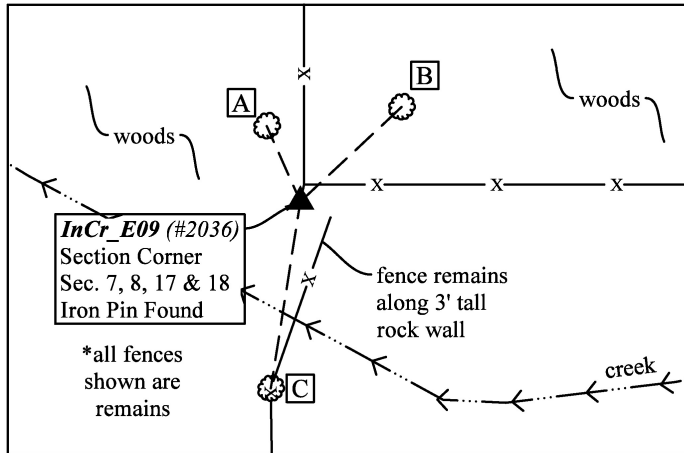
Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
1" forming pin found leaning south 16" above grade

GEODETIC COORDINATES: Northing: 1385197.66, Easting: 3071342.71

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 24° W	12.4'	Mag nail and 1-1/2" orange plastic disc found in hack mark 0.9 feet above grade on the southwest side of a 7" beech
B	N 47° E	20.8'	Mag nail and 1-1/2" orange plastic disc found in hack 1.1 feet above grade on the west side of a 26" black oak
C	S 9° W	28.4'	1/2" rebar found 2.8 feet above grade on the southeast side of a 29" sycamore with north/south fence remains

Notes: Distances to witness ties were measured with a 100-foot steel tape from the base of the forming pin to the nail. Bearings to witness ties were measured from the base of the forming pin to the center of the tree and were collected with the internal magnetic compass of the Javad Triumph LS adjusted to Grid North. Bearings to witness ties were verified with a 2° compass adjusted for declination and are approximately shown hereon for reference.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A steel t-post was found 1.15 feet northeast of the corner with a Monroe County SURVEY MARKER sign attached 3 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The iron pin is solidly planted at the top of a steep bank that is in danger of slumping. We had planned to replace the pin with a capped rebar, but after evaluating the field conditions, we decided that replacement would likely shorten the longevity of the monument. The iron pin is 2.6 feet southwest from a magnail found 0.9 feet above grade on the southeast side of a 6" x 6" fence corner post with a Monroe County SURVEY MARKER sign 3 feet above grade. The corner is in a wooded area approximately 725 feet southeast of the house at 7879 S Breeden Road.

PERPETUATION RECORD

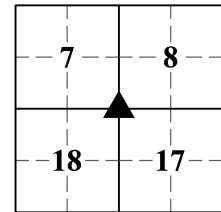
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	6"	S 56° W	17 links
Beech	8"	S 67° E	20 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. The corner was referenced on three legal surveys, none of which described or witnessed the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plat for Section 7 (<i>stone</i>)	
04/15/1854	Spencer, James	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB1, pg 269
05/01/1865	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 130
11/21/1866	Alexander, W.S.	Legal Survey in Section 7 (<i>not described or witnessed</i>)	MCSO LSB2, pg 131
11/19/1975	Graham, Raymond	19.16 acre survey in Section 7 (<i>stone</i>)	MCSO RSID001732
12/18/1975	Graham, Raymond	Survey of McDonald Tracts in Section 7 (<i>stone</i>)	MCSO RSID001745
03/19/1978	Farkas, Edmund	23.58 acre survey in Section 18 (<i>stone</i>)	MCSO RSID001934
09/22/1978	Graham, Raymond	Survey of 42.7 acres in Sec. 7 for Don Conder (<i>stone</i>)	MCSO RSID001731
03/27/1989	Utt, Lee	Survey of 2 tracts in Section 17 (<i>stone</i>)	MCRO 1989903591
06/19/1991	Utt, Lee	Survey of 2 tracts in Sections 8 and 17 (<i>stone</i>)	MCSO RSID001750
11/21/1992	Ramsey, Stephen	3.22 acre & 4.69 acre survey in Sec.17 (<i>stone</i>)	MCSO RSID001925
04/29/2002	Graham, Charles D	Type E Admin. Subd. On Crum Road in Sec.17 (<i>stone</i>)	MCSO RSID001929
05/16/2002	Graham, Charles D	30.68 acre survey in Section 17 (<i>found stone</i>)	MCSO RSID001928
06/15/2002	Ramsey, Stephen	Survey in Sections 17 and 18 (<i>found stone</i>)	MCSO RSID001924
04/20/2004	Utt, Lee	Brad Boyle Admin. Type "A" Subd. in Sections 8 & 17 (<i>found stone</i>)	MCSO RSID001749
01/08/2009	Tapp, Philip	Breeden Road Admin. Subd. in Section 7 (<i>6" x 6" stone found 18" tall leaning south</i>)	MCRO 2009002667
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W (<i>accepted 5/8" rebar</i>)	MCRO 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>accepted 5/8" rebar found 12" above grade</i>)	MCRO 2011010190 GCRO 2011-2897
11/14/2021	Deckard, Eric	Breeden Road Minor Subdivision in Section 7 (<i>accepted 5/8" rebar found 16" above grade believed to have replaced the old stone</i>)	MCRO 2022001569

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. A stone was approved by the Monroe County Surveyor Review Board on October 27, 1999. The stone was presumably replaced with the forming pin, but we were unable to find a record of the replacement.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

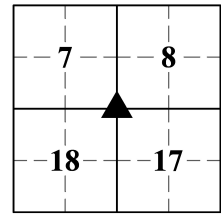
This corner was referenced on three mid-1800s era legal surveys that did not describe or witness the monument. A stone first appeared in the survey record in 1975 and it was accepted on all subsequent surveys of record (including the 1999 Monroe County Monument Record) through 2009, when Philip Tapp noted that it was leaning south. When Matthew Badger located the corner in 2011, the stone had been replaced with the forming pin. The party responsible for replacing the stone is unknown, but we found it to check the 1999 witness ties and ties to other survey monuments, so we accepted it as the best evidence of the corner.

MONUMENT RECORD

Corner ID: InCr_E09

Section Corner

Sections 07, 08, 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2.6 feet
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Forming pin at E09



Photo Orientation & Description: Looking northeast at E09

FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August ??, 2023
Signature:



Seal:

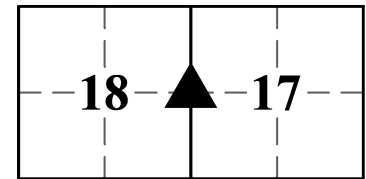
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E11

Quarter Corner

Sections 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

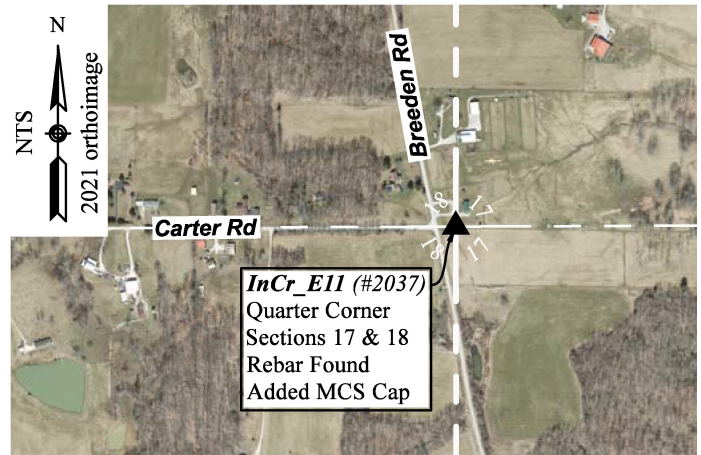
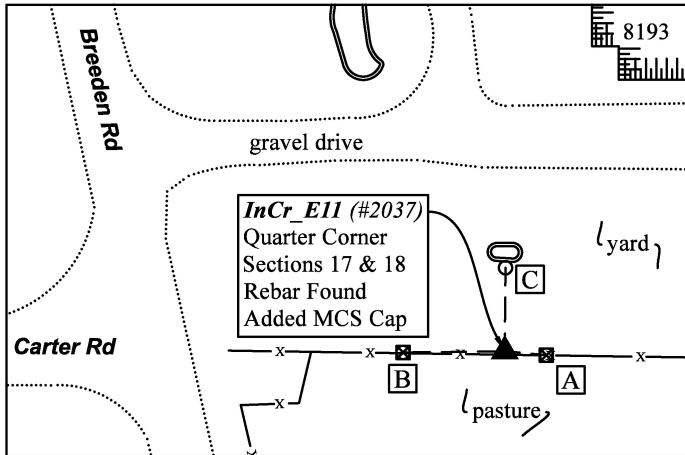


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

2" diameter aluminum cap stamped "MONROE COUNTY SURVEYOR" added to top of 5/8" rebar found 3" below grade and 12" north of an east/west wire fence.

GEODETIC COORDINATES: Northing: 1382558.65, Easting: 3071340.71

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 85° E	12.5'	2" mag nail and 1-1/2" orange plastic disc set 10" above grade on the north side of an 8" wood fence post
B	S 89° W	30.4'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the north side of an 6" wood fence post
C	N 0°31'40" E	25.01'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. The rebarlite is 1.75 feet south of a stacked rock landscaping border

Notes: Witness ties were located with RTK. The fence locations shown on the 1997 Monument Record do not represent the current fence locations and none of the old witness ties were found.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The 5/8" rebar was found 2" below grade with no cap. After installing the aluminum cap, the rebar was 3" below grade. We set a 5-foot steel t-post 12" south of the rebar in an east/west barbed wire fence line with a Monroe County "SURVEY MARKER" sign attached 3.75 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is in the south side yard of the house at 8193 S Breeden Road.

PERPETUATION RECORD

EXISTING SURVEY HISTORY

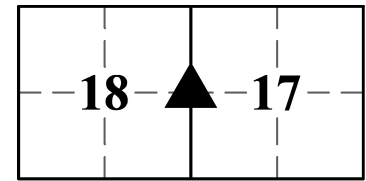
Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E11

Quarter Corner

Sections 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P289

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Dogwood	3"	S 13° W	7 links
Sugar	12"	N 45° E	17 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

See below. This corner is referenced in the three legal surveys listed below, but none of them described or witnessed the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Archer, Steven	Cole Property in Sections 17 & 18 (<i>origin of 5/8" rebar</i>)	MCSO RSID001947
04/18/1846	Spencer, James	Legal Survey in Section 17 (<i>not described or witnessed</i>)	MCSO LSB1, pg 85
04/13/1854	Spencer, James	Legal Survey in Section 18 (<i>not described or witnessed</i>)	MCSO LSB1, pg 269
06/22/1916	Bowers, Charles	Legal Survey in Section 17 (<i>not described or witnessed</i>)	MCSO LSB3, pg 63
04/29/2002	Graham, Charles	Crum Road Type E in Sec.17 (<i>5/8" rebar found</i>)	MCSO RSID001929
09/18/2010	Ramsey, Stephen	Cole Estates Minor Subd. in Sec.17 & 18 (<i>5/8" rebar</i>)	MCR 2010017218
03/31/2011	Badger, Matthew	Zike Site Conservation Esmt. in Sec.20 & 21 (<i>5/8" rebar</i>)	MCR 2011004420
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>5/8" rebar</i>)	MCR 2011010190 GCR 2011-2897
06/11/2020	Deckard, Eric	Grubb Type "E" Administrative Subd. in Sec.18 (<i>rebar</i>)	MCR 2022011812
02/23/2021	Deckard, Eric	Crum Road Minor Subd. in Sec.17 (<i>5/8" rebar</i>)	MCR 2021004416

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 17, 1997.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The rebar was set by Steven Archer as shown on an undated survey filed as RSID001947 and has been accepted on all subsequent surveys of record. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 6.8 feet (1854 legal survey distance vs. measured distance from A11 to E11).
- Inconsistencies in the lines of Occupation: 1 foot.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument with photo orientation and date.

Photo Date: 04/19/2023



Photo Orientation & Description: Capped rebar at E11



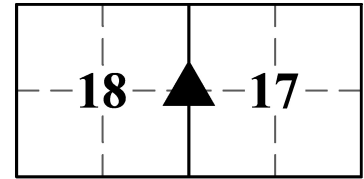
Photo Orientation & Description: Looking west at E11

MONUMENT RECORD

Corner ID: InCr_E11

Quarter Corner

Sections 17 & 18 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/19/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: n/a

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Date of last revision: September 20, 2023
Signature:

A handwritten signature in black ink that reads "Rachel Oser".



Seal:

This document is not complete without the associated plat and report of even date.

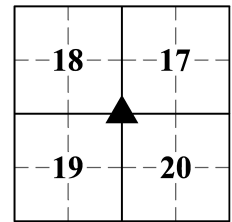
MONUMENT RECORD

Corner ID: InCr_E13

Section Corner

Sections 17, 18, 19 & 20 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

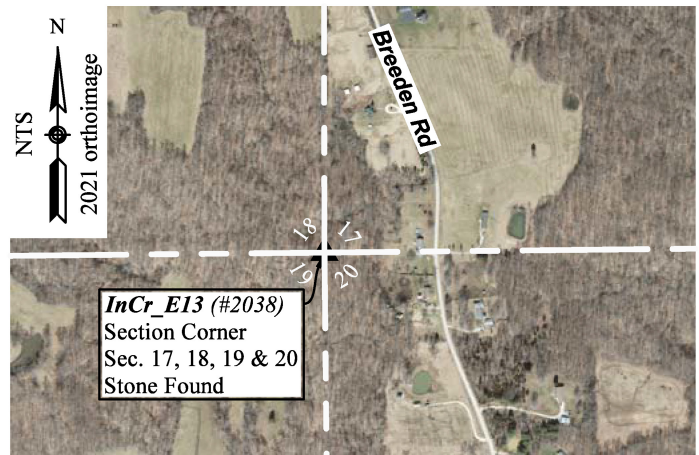
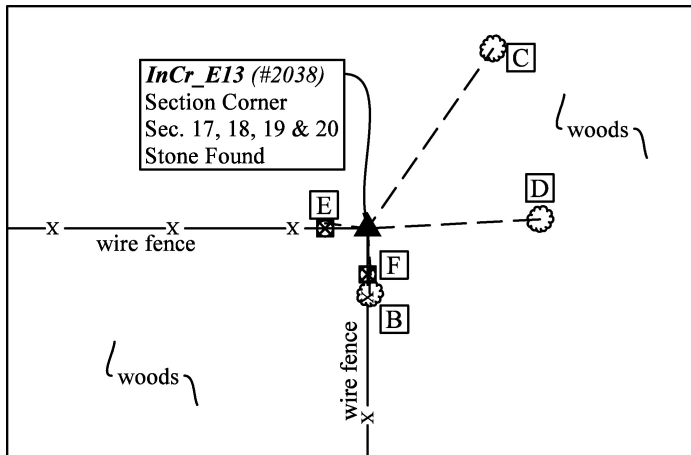


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

3" x 5-1/2" x 10" tall stone with no markings protected on its east side by a 3" diameter axle found on the southwest side of a 7" x 7" split wood post with fence south and west

GEODETIC COORDINATES: Northing: 1379939.86, Easting: 3071344.26

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 46°43'58" E	0.36'	3" diameter axle found 2" above grade on the east side of the stone (not depicted)
B	S 2° E	9.8'	Magnetic signal found 17" above grade on the west side of a 12" sugar maple with north/south fence through its center and east side
C	N 35° E	32.8'	Magnetic signal found 6" above grade on the southeast side of an 18" hickory
D	N 87° E	25.9'	28" white oak (no signal) measured to the center of the north side
E	N 83° W	6.4'	2" mag nail and 1-1/2" orange plastic disc set 12" above grade on the south side of a 6" x 7" split wood post
F	S 4° E	6.9'	2" mag nail and 1-1/2" orange plastic disc set 5" above grade on the north side of a 6" x 6" split wood post

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The stone was found with a significant westward lean. We stood the stone back up, shored it up, and left it 10" above grade. A 5-foot steel t-post was set 0.4 feet west with a Monroe County SURVEY MARKER sign attached 3.5 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is approximately 500 feet west of the house at 8484 Breedon Road.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

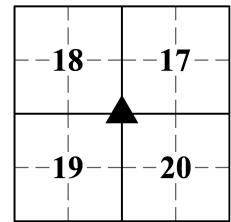
MONUMENT RECORD

Corner ID: InCr_E13

Section Corner

Sections 17, 18, 19 & 20 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P288

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	8"	S 62° W	3 links
Hickory	15"	S 61° E	31 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1881 By: Buskirk, M.

Where filed or recorded: LSB2, pg 349

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	18"	-	-
Beech	20"	S 50° E	40.5 links (26.7')

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Archer, Steven	132.21 acre Cole Property in Sec. 17 & 18 (<i>stone found</i>)	MCSO RSID001947
03/25/2010	Curry, Douglas	Summit Type A Admin in Section 20 (<i>stone found</i>)	MCR 2011009793
09/18/2010	Ramsey, Stephen	Cole Estates Minor Subd. in Sec. 17 & 18 (<i>stone found</i>)	MCR 2010017218
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 & 21 (<i>stone found</i>)	MCR 2011004420
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (<i>stone found</i>)	MCR 2011010190 GCR 2011-2897
07/18/2017	Deckard, Eric	Fender Minor Subd. Final plat (<i>stone found</i>)	MCR 2017010189
02/23/2021	Deckard, Eric	Crum Road Minor Subd. Final Plat (<i>stone found</i>)	MCR 2021004416

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 14, 2000.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone may have been set by Monroe County Surveyor M. Buskirk in 1881 when he established this corner, but no trace was found of Buskirk's witness trees. The stone has consistently been accepted on subsequent surveys of record and we accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 0.25 feet.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Stone and axle at E13



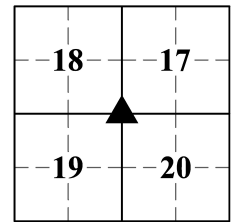
Photo Orientation & Description: Looking north at E13

MONUMENT RECORD

Corner ID: InCr_E13

Section Corner

Sections 17, 18, 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/19

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

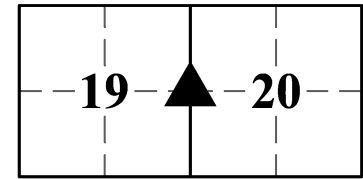
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E15

Quarter Corner

Sections 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

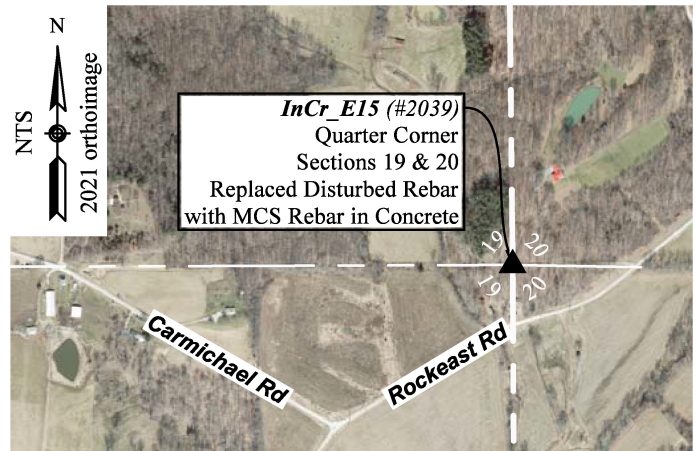
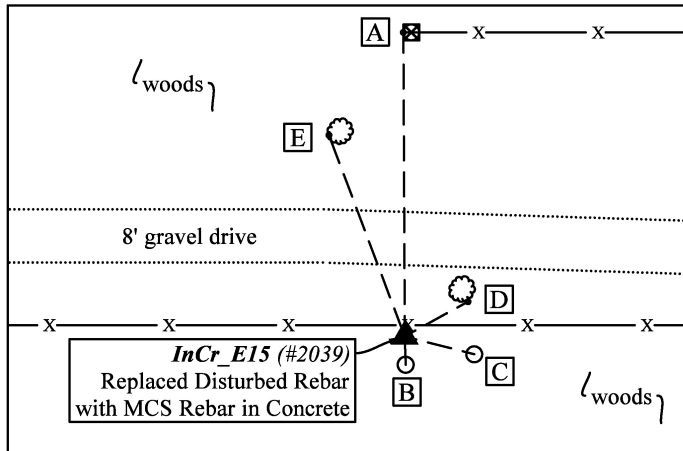


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 12" long rebar with 2" aluminum cap stamped "OSER 21100022 MONROE COUNTY SURVEYOR" set flush in 10" diameter concrete base 2" above grade.

GEODETIC COORDINATES: Northing: 1377310.02, Easting: 3071372.49

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0° W	45.7'	2" mag nail and 1-1/2" orange plastic disc set 4" above grade on the west side of a 12" diameter split wood post with fence to the east
B	S 1°49'30" E	4.26'	1/4" rebar of unknown origin found 5" above grade
C	S 75°34'53" E	10.80'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
D	N 61° E	10.86'	mag nail and 1-1/2" orange plastic disc found 7" above grade on the southeast side of a 3-1/2" hackberry
E	N 21° W	32.3'	mag nail and 1-1/2" orange plastic disc found 6" above grade on the west side of a 3-1/2" maple

Notes: Witness ties A, B, and C were located with RTK. Bearings and distances are to witness ties D and E were measured with a total station and are to the mag nail, not to the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5/8" x 24" rebar with a yellow plastic Bynum Fanyo cap was found loosely held up with rocks with 5" of the rebar below grade. We removed the rebar and located the hole. We then attempted to remove the rocks underneath, but we hit bedrock after removing the first 2 layers of rocks. We reset a shorter rebar in a stable concrete base and set a 5-foot steel t-post 0.9 feet south. A Monroe County SURVEY MARKER sign was attached to the t-post 4 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is approximately 100 feet northeast of the entrance to Weaver Cave. It is 1.7 feet south of an east/west wire fence on the north side of an old east/west roadbed and on the south side of an east/west 8-foot-wide gravel drive.

PERPETUATION RECORD

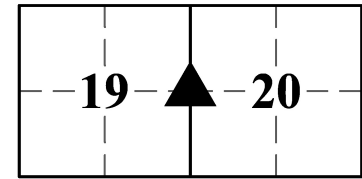
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E15

Quarter Corner

Sections 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P288

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	25"	N 15° E	12 links
Beech	6"	S 81° E	18 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1881 By: Buskirk, M.

Where filed or recorded: MCSO LSB2, pg 349

Original monument: Not described.

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	40"	S 73.5° W	118.5 links (78.2')
Sugar	18"	S 56.5° W	109.5 links (72.3')

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/12/1854	Spencer, James	Legal Survey in Section 20 (<i>not described or witnessed</i>)	MCSO LSB1, pg 268
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 and 21 (<i>calculated position at the midpoint between the stone at E13 and the stone (not accepted this survey) at E17</i>)	MCR 2011004420
07/18/2017	Deckard, Eric	Fender Minor Subd. Final plat (<i>calculated position at intersection of north, east, and west fence</i>)	MCR 2017010189
11/10/2018	Graham, Charles	Moore's Buena Vista Farm I Minor Subd. (<i>BFA rebar</i>)	MCR 2019013999
11/12/2018	Graham, Charles	Moore's Buena Vista Farms Retracement survey (<i>origin of Bynum Fanyo rebar</i>)	MCR 2018015296
09/28/2021	Deckard, Eric	Brian Moore Sliding Scale Subdivision II - Final Plat in Sections 19 and 20 (<i>accepted BFA rebar</i>)	MCR 2022001227

PREVIOUS CERTIFICATION:

Is this this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor set a wooden post at this corner in 1815 and in 1881, Monroe County Surveyor M. Buskirk reestablished the corner. We found no trace of the historical monuments or their accessories. This corner first appeared in the modern survey record in 2011, when Matthew Badger calculated its position at the midpoint between the stone at the northeast corner of Section 19 (E13) and the rock (not accepted this survey) at the southeast corner of Section 19 (E17). The location calculated by Mr. Badger was located 21 feet west of the found rebar. In 2017, Eric Deckard accepted a north/east/west fence intersection located 7.3 feet east of the found rebar. In 2018, Charles Graham set the Bynum Fanyo rebar. The east/west position of the rebar was based on two wooden fence posts to the north that were accepted as being on the west line of the Southwest quarter of the Northwest quarter of Section 20 by Ben Bledsoe in 2003 (Instrument Number 2003017166). The methodology employed by Mr. Graham to establish the north/south location of the corner is unknown. In 2021, Eric Deckard accepted the Bynum Fanyo rebar. We found the rebar loosely held in place by several rocks with only 5" below grade. Due to the unstable nature of the rebar, we tied into several monuments from Mr. Deckard's 2021 survey and reset a stable monument in the location accepted by Deckard.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 4.26 feet.
- Discrepancies in the Documents: 21 feet.
- Inconsistencies in the lines of Occupation: 10 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: InCr_E15

Quarter Corner

Sections 19 & 20 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

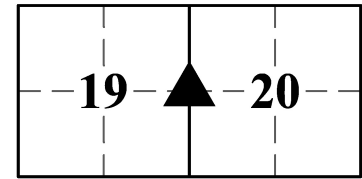


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date.

Photo Date: 04/24/2023



Photo Orientation & Description: Capped rebar in concrete



Photo Orientation & Description: Looking west at E15

FIELD PERSONNEL:

Field Date: 04/22/2023 and 04/24/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/24

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: August 19, 2023
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

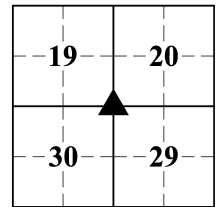
MONUMENT RECORD

Corner ID: InCr_E17

Section Corner

Sections 19, 20, 29 & 30 – T07N – R02W, 2nd P.M.

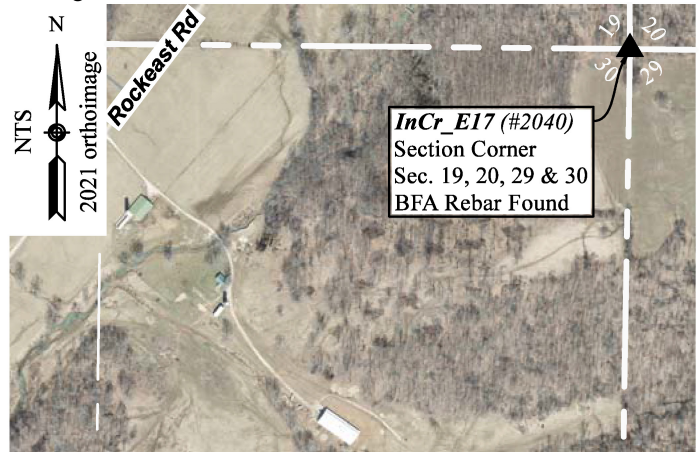
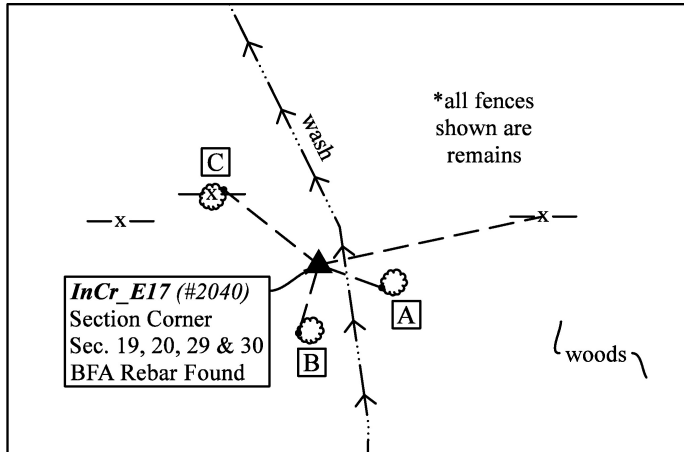
Indian Creek Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with yellow plastic cap stamped "BYNUM FANYO LS 29500014" found 8" above grade.

GEODETIC COORDINATES: Northing: 1374674.08, Easting: 3071388.46

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 70° E	10.0'	2" mag nail and 1-1/2" orange plastic disc set flush in southwest root flair of a 9" maple
B	S 17° W	10.7'	2" mag nail and 1-1/2" orange plastic disc set flush in west root flair of a 19" hickory
C	N 52° W	18.1'	2" mag nail and 1-1/2" orange plastic disc set flush in northeast root flair of 18" beech with east/west wire fence remains

Notes: Witness ties were located with RTK. Bearings and distances are to the nail, not to the center of the tree.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 6-foot steel t-post was set 0.5 feet west with a Monroe County SURVEY MARKER sign set 4 feet tall facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is in a wooded area approximately 10 feet south of east/west wire fence remains on the west side of a shallow wash running south to north.

PERPETUATION RECORD

EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P287

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	8"	N 35° E	14 links (9.2 feet)
Maple	15"	S 33° E	31 links (20.5 feet)

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/21/1881 By: Buskirk, M.

Where filed or recorded: MCSO LSB2, pg 349

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	24"	N36°E	13.3 links (8.8 feet)
Black walnut	6"	N58.5°E	42 links (27.7 feet)

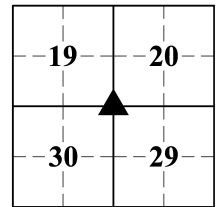
No legal survey reference monuments were recovered.

MONUMENT RECORD

Corner ID: InCr_E17

Section Corner

Sections 19, 20, 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/31/2011	Badger, Matthew	Conservation Easement in Sections 20 & 21-7N-2W (found 8"x 14"x 6" stone of unknown origin with no markings 1" above grade under a woven wire fence)	MCR 2011004420
11/10/2018	Graham, Charles	Moore's Buena Vista Farm I Minor (origin of BFA rebar)	MCR 2019013999
11/10/2018	Graham, Charles	Moore's Buena Vista Farm II Minor Subd. (BFA rebar)	MCR 2019014000
11/12/2018	Graham, Charles	Moore's Buena Vista Farm Retracement survey (BFA rebar)	MCR 2018015296
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat (BFA rebar)	MCR 2020021994
03/01/2021	Oser, Rachel	Sturgeon Family Minor Subdivision (conflicting monuments noted)	MCR 2021007101
12/23/2021	Deckard, Eric	Southern - Easement Exhibit (not noted)	MCR 2021024112

PREVIOUS CERTIFICATION:

Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not a prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor M. Buskirk established this corner in 1881. No trace was found of Buskirk's monument or its accessories. Matthew Badger accepted an unmarked 8" x 14" stone found in east/west wire fence remains as the corner in 2011. We found the 8" x 14" stone N77°W 30.4 feet from the rebar, but it was not planted and is only 6" tall, so we doubt that it is a survey monument. In 2018, Charles Graham set the BFA rebar, which was subsequently accepted by Eric Deckard. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 30.4 feet.
- Inconsistencies in the lines of Occupation: 10 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Rebar at E17



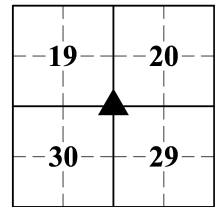
Photo Orientation & Description: Looking west at E17

MONUMENT RECORD

Corner ID: InCr_E17

Section Corner

Sections 19, 20, 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/20

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:



Seal:

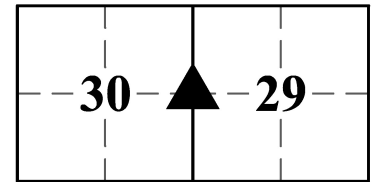
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E19

Quarter Corner

Sections 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

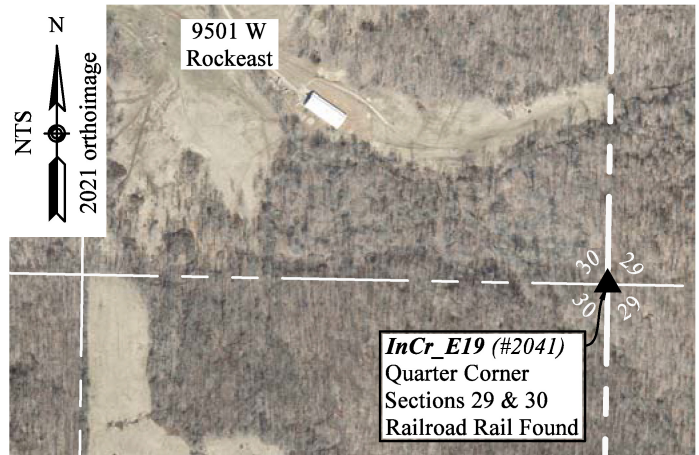
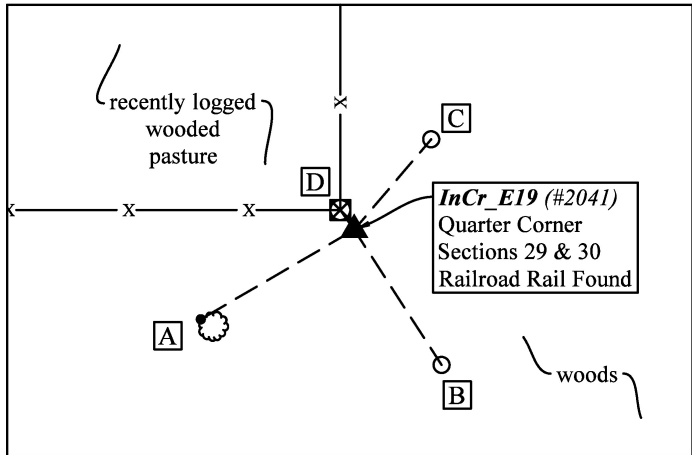


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4" x 4" x 4.5' tall steel railroad rail fence post set in concrete found with fence remains north, west, and east. (Located center of rail at 4.5 feet tall.)

GEODETIC COORDINATES: Northing: 1371926.00, Easting: 3071343.54

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 59°48'48" W	17.73'	2" mag nail and 1-1/2" orange plastic disc set 7" above grade in the northwest root flair of a 10" beech (Bearing & distance to nail, not center of tree)
B	S 32°55'49" E	16.04'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
C	N 40°26'44" E	11.85'	1-1/2" mag nail in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush
D	N 35° W	2.4'	Center of 8" wood post with fence north and west

Notes: Witness ties were measured with RTK. From the 2000 Monument Record, the beech and hickory witness trees were not found and the red oak witness was found and verified.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County SURVEY MARKER sign was attached to the top east side of the rail with an 8" maghub.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rail is on the southeast side of the current fence corner post, an 8" wooden post with new galvanized woven wire and barbed wire headed north and west. There is an atv path along the entire inside of the fenceline depicted.

PERPETUATION RECORD

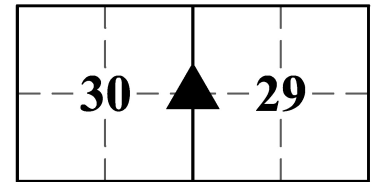
EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

MONUMENT RECORD

Corner ID: InCr_E19

Quarter Corner

Sections 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P287

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White oak	12"	S 40° W	14 links
Beech	7"	S 38° E	5 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

No legal survey records were found pertaining to this corner.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/27/1972	Graham, Raymond	Robertson survey in Sec.29 (<i>post with fence to north</i>)	MCSO RSID002083
03/10/1999	Graham, Raymond	146.64 acres & 204.28 acres in Sec. 19 & 30	MCR 1999011493
09/06/2000	Bledsoe, Ben	40.21 acre survey in Sec. 30	MCR 200015048
03/16/2001	Tibbett, James C.	Section 29 plat	MCR 2001017175
03/16/2001	Tibbett, James C.	Survey of Taylor Property in Sec. 29	MCR 2001017176
11/12/2018	Graham, Charles D	Moore's Buena Vista Farms Retracement survey	MCR 2018015296
08/04/2020	Deckard, Eric	Willoughby Minor Subd. Final Plat	MCR 2020021994
04/08/2021	Deckard, Eric	Willoughby Minor Subdivision Plat Amendment One	MCR 2021011664
04/20/2021	Deckard, Eric	Wessel Type E Administrative Subdivision - Final Plat	MCR 2021011663

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on December 14, 2000.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1999, Raymond Graham accepted the railroad rail (aka steel i-beam) post. The post was accepted by the Monroe County Surveyor Review Board in December, 2000, and has been accepted on all subsequent surveys of record.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2.4 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Looking east at E19



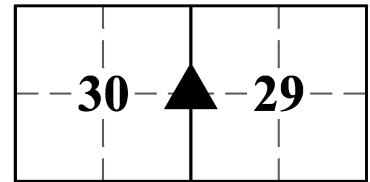
Photo Orientation & Description: Looking south at E19

MONUMENT RECORD

Corner ID: InCr_E19

Quarter Corner

Sections 29 & 30 – T07N – R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/21

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:

A handwritten signature in black ink that reads "Rachel Oser".



Seal:

This document is not complete without the associated plat and report of even date.

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